FREEWAY
Med-Tech

(i)WOW®

INTELLIGENT WORKSTATION ON WHEELS

PRODUCT RANGE & ACCESSORIES

EDITION 3.0

REDUCING OUR FOOTPRINT · REDUCING OUR FOOTPRINT

Catalogue produced on carbon-offset paper. Printed using a renewable energy source.

NHS
NHS Supply Chain

CONTENTS

AN INTRODUCTION

An Intelligent Workstation on Wheels - iWOW®

From decades of product development at our sister company Freeway Medical, Freeway Med-Tech now brings cutting edge technology to the portfolio.

Using the same methodical approach to design, manufacture and delivery, our new range of mobile iWOW® workstations are proving to be very popular indeed.

With lots of features, options and customisable solutions available, the Freeway Med-Tech iWOW® range has to be seen to be believed. And what's even more impressive, is how competitively they're priced. You'll be surprised!

Familiarise yourself with iWOW® and its technologies >

WHAT MAKES AN iWOW®

A great product is the sum of its parts.

Each area of our iWOW® is designed to not only outperform its competitors, but to outlast them as well. This makes for an extremely cost effective way to incorporate mobile IT into your hospital.

Familarise yourself with each of the separate high quality components that make up an iWOW®. A standard iWOW® is used here to demonstrate.

Premium triple bearing castors

Anti-topple safety base

*All iWOW's shown here feature the Freeway Med-Tech Powered Monitor (other options available).

IT Monitor Pole

IT Pod
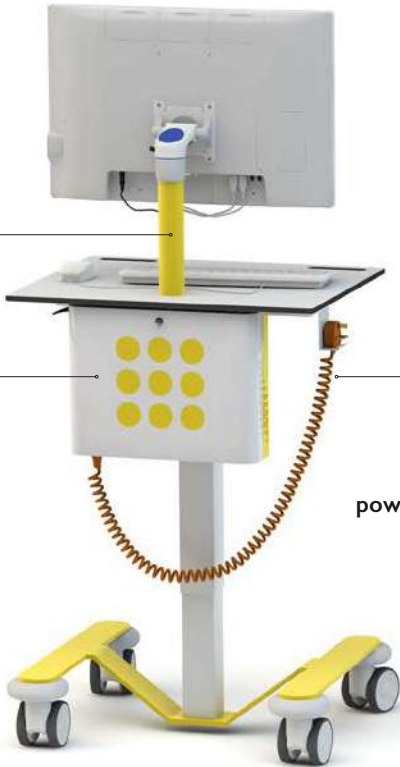
Coiled power/charging lead

Medical Grade Monitor or AIO PC

Trespa® Worksurface

Height adjusting Gas Lift

Note - An electronic digital lift for height adjustment is standard equipment on **iWOW Plus.**

Available as an option on other models.

THE POD

At the centre of all our iWOWs.

Sturdy, easy to clean and secure. The iWOW® Pod is at the core of all the models and houses power connections, transformers, wiring and even a micro PC on the iWOW® DC model (pictured here).

Made from aluminium and coated in nylon modified polyester, the Pod is easy to keep clean using common anti-bacterial chemicals and it's contents are kept secure with and a lock and key. Integrated vents ensure any electrical equipment doesn't overheat.

Pre-wired UK 3-pin safety plug

Lockable door - conceals all power and IT equipment including loose wiring/cables away from dirt and dust.

Charging/power cable - with a reach of approx. 3.5m, the brightly coloured coiled cable ensures the iWOW is never far away from a point to charge or power the cart. Fitted with a pre-wired plug.
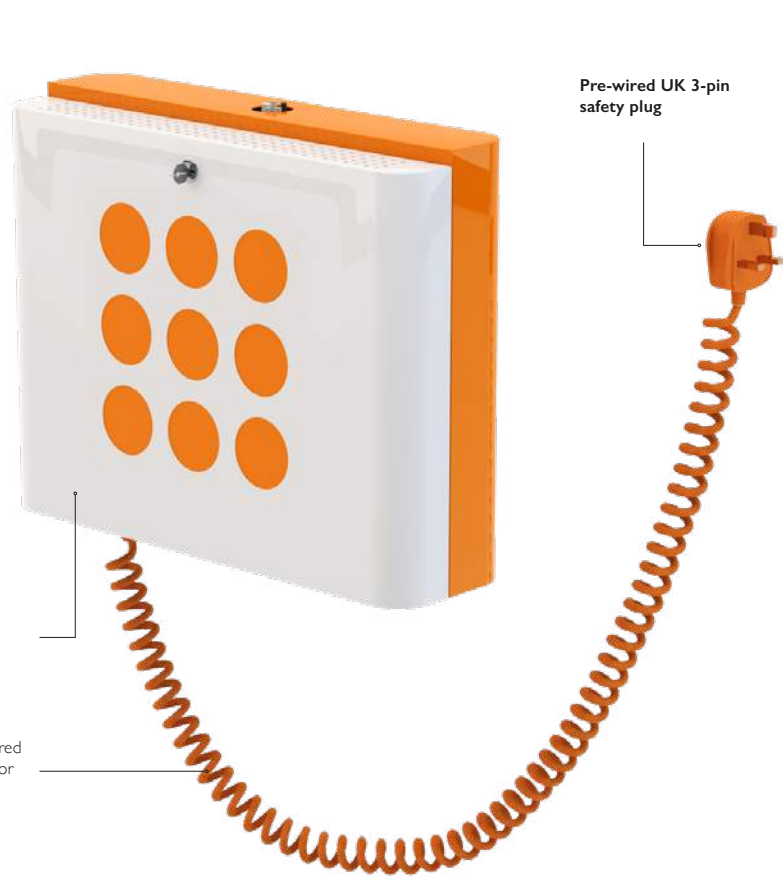
Cabling entry/exit - all cabling exits neatly out from the top of the Pod, through the worksurface and IT Pole.

Pod rear - constructed from nylon coated aluminium, the main body of the Pod keeps everything protected and secure.

IT, power and wiring - all electronics are housed here, including transformer, cables, Thin Client PC and additional plug sockets (depending on model).

Security - a cam lock and key ensures the Pod contents are kept safe and secure.

Ventilation - laser cut vents remove any unwanted heat build-up within the Pod.

Power the PC on/off without needing to unlock the Pod.
The base of the iWOW Pod, has a convenient cutout in the metalwork to allow for quick access to the PC power button and other ports like audio and USB.

*Pod shown is from the iWOW model.
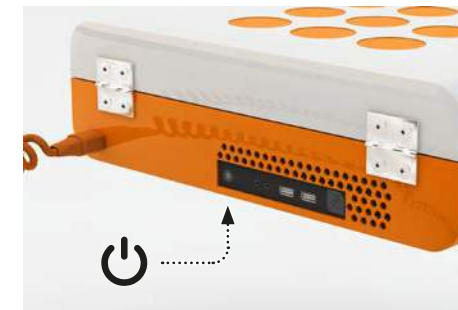
THE iWOW® MONITOR POLE

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Beautifully simple.

By avoiding the need for many complicated moving or adjustable parts, the IT Pole is a reliable component in the make up of our iWOWs. Easy side-to-side rotation and up-and-down tilting allow the screen to be viewed from an endless array of angles and positions.

Easy tilt adjustment - vertical angle changes of the monitor/VESA mount are handled by a quick-release clamp system.

A solid foundation - neatly housing untidy cabling from PC to monitor, the main tube is manufactured from extruded aluminium which is anodised and nylon coated for added protection. No more wobbly screens!

VESA monitor mount - the IT Pole uses an industry standard 100x100 VESA mounting system.

Effortless monitor rotation - acheived by the precision milled solid aluminium cuff. This process/ component further reduces screen wobble.

Choose a colour - part of the colour-coded parts pack on our iWOWs, the IT Pole upright is available in 8 bold colours.

Neat and tidy cabling
The integral cable routing through the main tube ensures the worksurface remains less cluttered and easier to clean.

It's a win win.

GAS HEIGHT ADJUSTMENT

Squeeze to go higher.

Standard equipment on iWOW® and iWOW® Keyboard, the lever-operated gas lift enables quick and easy height adjustment. All the heavy lifting is done for you on the way up and just a gentle amount of pressure is needed to lower the worksurface.

Maximum vertical travel:
395mm

*Diagrams shown here: iWOW Keyboard.

750mm

1145mm

The gas height lever is situated on the underside of the worksurface
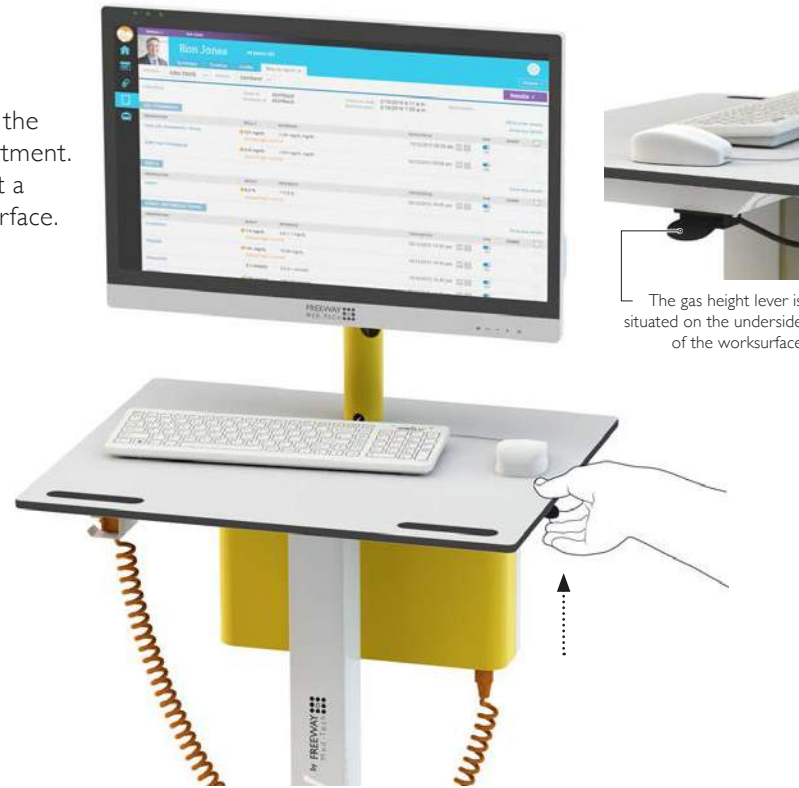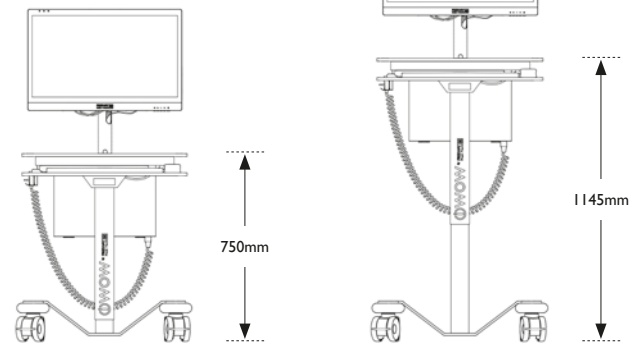
ALL-ELECTRIC LIFT

On iWOW® Plus, it's all electric.

With the extra weight of storage drawers and rail-mounted accessories, on iWOW® Plus the height adjustment is handled seamlessly by a touch button electric lift system. Easy, eh?

Sit/Stand reminder button

Bluetooth setup button

Programmable heights button
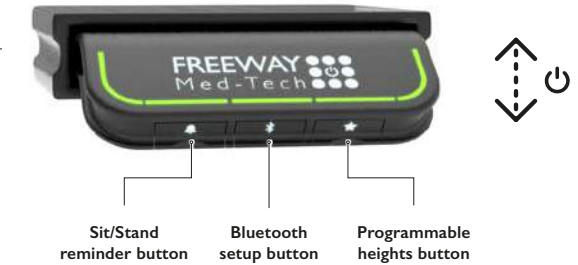
Digital height display - the up/down lever shows the floor-to-worktop distance when raising or lowering the cart (in cm).

88

119

THE ANTI-TOPPLE SAFETY BASE

In a busy healthcare environment, we appreciate it can get quite manic. So accidents with equipment are really not wanted.

The 'Heavyweight' - constructed from solid steel and nylon coated for protection, the iWOW base helps keep everything planted to the floor whilst moving the cart is smooth and precise.

Bumpers - built-in protection from those harsh collisions with doors, corridors and furniture.

Ultra low centre of gravity - the deep drop from the top of the castor mounts gives our iWOW base it's 'anti-topple' safety characteristic. Simple, but very effective!

ULTRA DURABLE CASTORS

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Using the highest quality components to ensure the smoothest possible movement of our iWOWs.

Bump protection
4 bumpers included on all iWOWs.

Large wheels - utilising 100mm diameter wheels reduces vibration and makes going over general lumps and bumps a lot easier compared with a smaller wheel.

x3

Silky smooth operation
The iWOW's premium castor uses a triple bearing setup so side-to-side movement is as smooth as spinning the wheels.

Great tyres. Great ride - these soft, grippy and durable tyres are the iWOW's only point of contact with the floor, which is why they are made using the very best high performance material.

x2

High performance brakes
Our iWOW's feature 2 castors with integral foot brakes to ensure the cart doesn't stray across a corridor or ward accidentally!

TRESPA®
WORKSURFACES

Incredibly tough. No compromises.

A high performance, ultra durable material suited perfectly to the medical environment due to being able to withstand aggressive chemical cleaning week-in, week-out.

The material is so rigid we can comfortably produce worktops with large overhangs and machined handles close to the edge, without any fear of weakness or damage occuring whilst in use.

Material thickness:
10mm

Soft radius corners - because of the material's solid construction, it allows us to machine cut the corners with beautiful rounded edges and corners to remove any 'sharp' contact points.

Extremely rigid - even at only 10mm thick, Trespa® remains incredibly strong allowing us to use it on relatively narrow worksurfaces without any structural issues.

ADJUSTABLE SHELF /
WRIST SUPPORT

Ergonomically designed for standing use and users of all different heights.

We've designed our pull-out keyboard shelf to tilt away from the user which greatly reduces the strain on the wrists, helping to reduce the risk of repetitive strain injuries. Especially helpful for taller operatives.

Negative tilt amount:
10°

Left handed. Right handed. It doesn't matter.

Simply push the soft rubber wrist support to the desired side until it clicks into place. Simple, eh?

*Model shown: iWOW Keyboard.

DRAWERS, TRAYS AND DIVIDERS

Trays for speedy re-stocking.

Available in a variety of depths, our removable clear tray system ensures quick transfer/replacement whilst being easy to clean when separated from the drawer.

Double-height face plate allows for deeper clear trays

HTM71 trays (iWOW® Fixed 800 only)

iWOW Plus removable clear trays
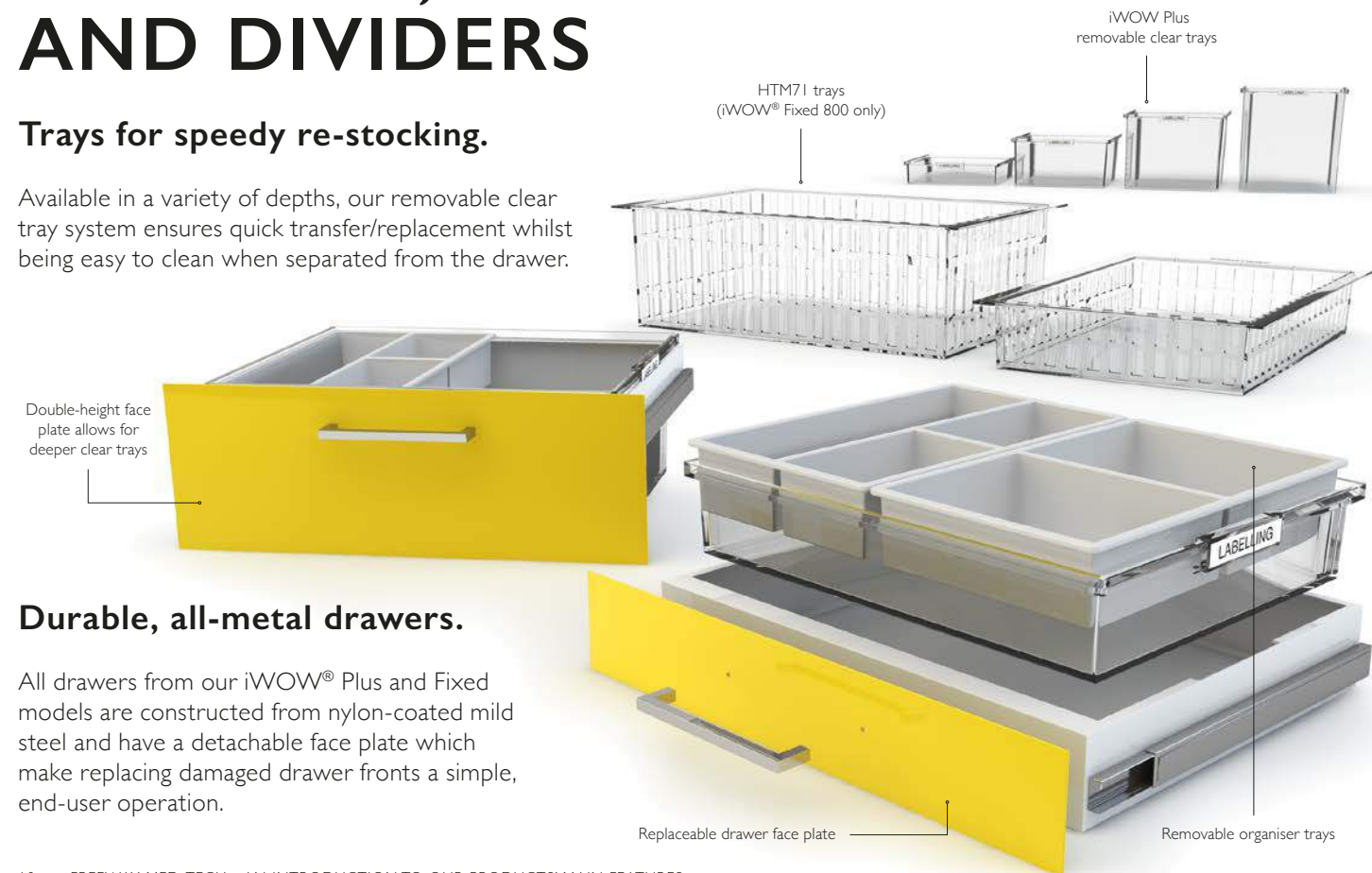
Durable, all-metal drawers.

All drawers from our iWOW® Plus and Fixed models are constructed from nylon-coated mild steel and have a detachable face plate which make replacing damaged drawer fronts a simple, end-user operation.

Replaceable drawer face plate

Removable organiser trays

DURABLE COATINGS

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Colour. Protection. Long life.

All of our mild steel components and tubing are nylon coated to give a long lasting durable finish. Certain parts are also colour-coded using one of eight vibrant hues so you can match your equipment to a ward or specific treatment areas.

EASY CLEAN

Disinfection made easy
Our nylon coating is able to withstand regular cleaning with alcohol wipes and common industry cleaning products*.

x8

Choose a colour
At no extra cost, you can choose to colour-code your family of iWOWs!

*Refer to pages 196/7 for more details on suitable chemicals/products.

LOOKING FOR SOME COLOUR?

Take your pick.

Go bold or go traditional: the choice is yours and is included as standard on all of our products.

From aqua and lime to pink to orange, any of our equipment can personalised at your request. Colour coding is a popular way to distinguish which equipment belongs to each ward, so if it is moved, it is instantly recognisable.

All colours are durable so whatever you choose is guaranteed to last.

EASY CHARGING

Just one plug.

Charging your iWOW®
couldn't be simpler.
Just unhook the high
visibility power lead from
underneath the worksurface
and plug into a regular 240V
mains socket. Easy, eh?

CUSTOM
LENGTHS
AVAILABLE

3.5 metres

Long-reach flexi cable

All iWOW® models feature a coiled power lead with approx.
3.5m of reach. Note this can be used for a permanent power
supply if a mains monitor is opted for.

CHARGER DOCK

Convenient off-cart battery charging

For true non-stop performance, fresh batteries can be
charged off-cart ready to swap out in a matter of seconds!
This enables the iWOW® to stay completely off grid and
independent from fixed location mains power sockets.

Note - Charging dock(s) are
available separately.

Long-life battery technology

The AIO DC Powered Monitor/PC uses
Freeway Med-Tech 202 Li-ion rechargeable
batteries. Rated at DC10.9V 7800mAh - 85Wh.

STANDARD ACCESSORIES

A hook-over system for the Plus and Fixed iWOWs.

Transform your cart by adding a number of accessory modules to the medical rails that come pre-installed on our Plus and Fixed iWOW models.

The addition of a sharps bin or alcohol gel holder really does make the iWOW a more complete workstation on wheels!

There's plenty to choose from
See pages overleaf for our standard hook-over range.

CUSTOM ACCESSORIES

We're happy to design bespoke accessory solutions. Just ask!

The standard iWOW and iWOW Keyboard do not feature pre-installed medical rails, but that doesn't mean they can't feature important accessories if your requirement dictates this.

See examples to the right of bespoke accessories and attachments.

Avoid roll-out delays with pre-installed equipment
We will pre-install hand-held printers and/or similar medical equipment, even if the customer supplies the product. Anecdotally, it saves time and potential errors!

Transform an iWOW® Plus or iWOW® Fixed by adding accessories!

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IMAGE	PRODUCT CODE	PRODUCT NAME	DESCRIPTION	DIMENSIONS (HXWXD)
1	FW9056	Clinell wipes dispenser	Holds 1 pack of Clinell anti-bacterial wipes	180x260x110mm
2	FW9054	Gel dispenser holder	Holds a push-pump gel dispenser bottle (not included)	165x80x115mm
3	FW9061	O2/Cylinder holder	Designed to suit the Euro CD size cylinders	330x110x150mm
4	FW9053	Catheter holder	An easy clean hook-over unit to house catheter stock	410x100x115mm
5	FW9055	Sharps safe disposal	Hook-over attachment for Sharps bin (not included)	185x65x75mm
6	FW9058	IV pole holder	IV pole attachment only (12.5mm poles sold separately)	90x30x90mm
7	FW9059	IV pole holder & pole	IV pole attachment including 12.5mm stainless steel 2-hook pole	1040x305x90mm
8	FW9057	A4 notes box	An easy clean notes holder for A4 sized folders and binders	270x480x90mm
9	FW9050A	Single glove dispenser	Hook-over dispenser which holds 1 glove pack	330x135x90mm
10	FW9050B	Twin glove dispenser	Hook-over dispenser which holds 2 separate glove packs	330x255x90mm
11	FW9050	Triple glove dispenser	Hook-over dispenser which holds 3 separate glove packs	330x375x90mm
12	FW9051	Apron roll dispenser	Holds a single apron roll (max dia. 145mm)	215x375x160mm

The pre-installed medical rails on all iWOW Plus and Fixed carts.

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1

2 *Gel bottle not included

3

4

5

6 *Sharps bin not included

7

8

9

10

11

12

MEDICAL MONITOR OPTIONS

MEDICAL AIO OPTIONS

ENABLES
GO-ANYWHERE ✔
MOBILE USE
x3 (up to)

⚡ POWER A MICRO PC!

Battery Powered 24" (MT700)

Freeway Med-Tech Battery Powered Medical Monitor

This model is powered by up to 3 Lithium-ion rechargeable battery packs which not only powers itself, but can also power a separate micro form PC and USB accessories. It also features the latest capacitive-type, 10 point multi-touch screen technology. Plus all the standard medical-grade features like high rated dust and moisture ingress protection.

INDUSTRY LEADING TECHNOLOGY!

Our MT700 monitor will power a micro PC processor at full speed!

CPU 100% CPU speeds!

NHS
NHS Supply Chain

Mains powered 24" (MT600)

Freeway Med-Tech Mains Powered Medical Monitor

For use where an iWOW has a permanent mains electricity supply close by and is to be used in conjuction with a standalone PC (separately powered). It has the same medical grade features as the MT700 model as well as the same capacitive-type touch screen panel.

All of our AIO/monitors are quality assured -
IEC / EN 60601-1 4th edition /
CE / WEEE / RoHS Compliant®
For assured safety and quality in the medical environment.

IEC — CE — ⊠ — RoHS

*More details available on request.

ENABLES
GO-ANYWHERE ✔
MOBILE USE
x3 (up to)

x3 SIZES

intel

x2 SIZES

intel

AIO Battery Powered 20, 22 & 24" (MT500)

Freeway Med-Tech all-in-one (AIO) Battery Powered Medical PC

With the PC built into the screen, this model does not need to have a standalone computer in the Pod or even a mains power supply, as it utilises Lithium-ion rechargeable battery packs to operate whilst completely mobile. Features the latest capacitive-type, 10 point multi-touch screen technology, plus all the standard medical-grade features like high rated dust and moisture ingress protection as standard. New 20" model now available.

AIO Mains powered 24 & 27" (MT400)

Freeway Med-Tech all-in-one (AIO) Mains Powered Medical PC

For use where an iWOW has a permanent mains electricity supply close by and can remain plugged-in whilst in use. With the PC built into the screen, there's no need to have a standalone computer. It has the same medical grade features as the MT500 model as well as the same capacitive-type touch screen panel. New 27" model now available.

UL LISTED — **UL-60601 CERTIFIED -** All Freeway Med-Tech AIO and monitors are UL-60601 Certified. This means they are safe for near-patient use and will not interfere with other life critical medical equipment. The monitors do not emit RF (radio frequencies) or EMI (electro-magnetic interference) and nor will they be affected by it. ✔

WHY BUY FREEWAY?   BECAUSE ALL OF

THESE FEATURES ARE STANDARD!

Mobile power + DC out

Our powered monitor and AIO feature DC power out which means they can run a micro-form PC or peripherals and stay mobile for an entire shift.

An ultra smooth ride

Large triple bearing castors provide effortless manouverability and the super soft tyres grip the floor in all conditions. Easy-use foot brakes ensure the iWOW® stays where it was put.

Digital electric lift

All height adjustable models have an electric lift option which is programmable for different user heights and features a digital display showing the exact height of the worktop to the floor.
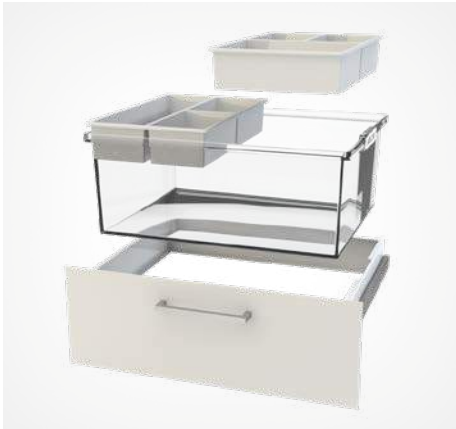
Clever storage options

The generic metal drawer with clear tray inset offers great re-stocking and cleaning opportunities by nature of the tray being easily removed. For organisation, a set of sliding divider trays hang at the top of the tray.

Concealed cables

Safety and cleaning are improved by having all loose cabling routed through the IT Monitor Pole from monitor to PC and vice versa. Mouse and keyboard cables also enter the pole via their own dedicated cutout.

Customisable

A service which is quite unique to Freeway, is customisation. We endeavour to deliver products that satisfy the customer's needs, even if that includes fabricating bespoke components and solutions.

iWOW

KEYBOARD

iWOW
PLUS

iWOW
DUO

iWOW
FIXED

iWOW
FIXED

iWOW®

INTELLIGENT WORKSTATION ON WHEELS

NOW
AVAILABLE

iWOW-LiFe

A SUPERIOR MOBILE AC POWER OPTION

Available on iWOW® carts*. Ask about it today!

*Excluding Pneumatic Lift and Duo models

THE iWOW® COLLECTION

An iWOW® for every purpose.

The ever-expanding iWOW® line-up caters for both budget and application needs. From the original iWOW® through to the brand new tablet docking Duo, each model features an industry-leading 24in battery powered monitor or AIO PC.

The lineup now features the all-new iWOW® Dual - two 24in monitors!

iWOW® LiFe AC option now also available.

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iWOW®

Height adjust option:
Pneumatic Lift / Electric Lift

iWOW® KEYBOARD

Height adjust option:
Pneumatic Lift / Electric Lift

iWOW® DUAL

Height adjust option:
Electric Lift

iWOW® PLUS

Height adjust option:
Electric Lift

iWOW® FIXED 600

Height adjust option:
Fixed Height

iWOW® FIXED 800

Height adjust option:
Fixed Height

iWOW® DUO

Height adjust option:
Electric Lift

NEW

iWOW® LiFe

A 220V AC POWER OPTION

Introducing iWOW® LiFe, our brand new option for 'on-the-go' AC power. Utilise all your existing monitors and IT equipment!

Available now on selected iWOW® models.

iWOW® LiFe - AC OPTION

Transform an iWOW® - opt for iWOW® LiFe and AC power!

If AC power is what you need and it fits with your current IT estate, then iWOW® LiFe is the solution for you!

Available as a bolt-on option for our popular range of iWOW® carts, the iWOW® LiFe offers unrivalled spec in the mobile AC powered carts market.

iWOW-LiFe
A SUPERIOR MOBILE AC POWER OPTION

240V x4

Chosen iWOW model
Choose the iWOW® that suits your purpose as the base to convert to AC power.

Add the AC Pod
A simple bolt-on option transforms the cart's power system providing 220V sockets.

iWOW® LiFe:
An intelligent AC powered workstation on wheels.

Lower Pod
Houses the clever inverter and lithium battery technology to provide the all-day mobile 220V AC power.

Upper Pod
This is where the MFF PC, transformer, wiring and the 4 × 220V plug sockets are situated. Secured by a key-operated cam lock.
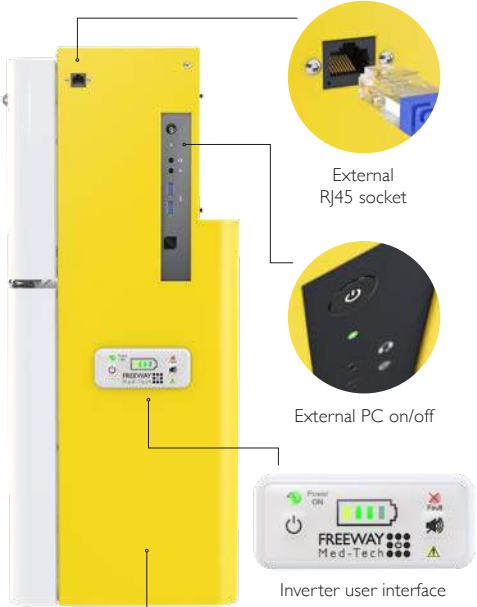
Pod side
Easy access to RJ45 socket, PC on/off switch and other common ports as well as the inverter remote user interface.

External RJ45 socket

External PC on/off

Inverter user interface

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iWOW® LiFe - A BRIEF TOUR

Take a look around an iWOW® LiFe 'Keyboard' model.

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8

Other colours available!

Programmable Electric Lift

Standard 100mm VESA mount

Durable Trespa® worksurfaces

IT Pole with generous rotation and vertical tilt adjustment

Easy access to PC and inverter user interface

Pull-out keyboard and mouse tray with soft close and adjustable L/R hand wrist support
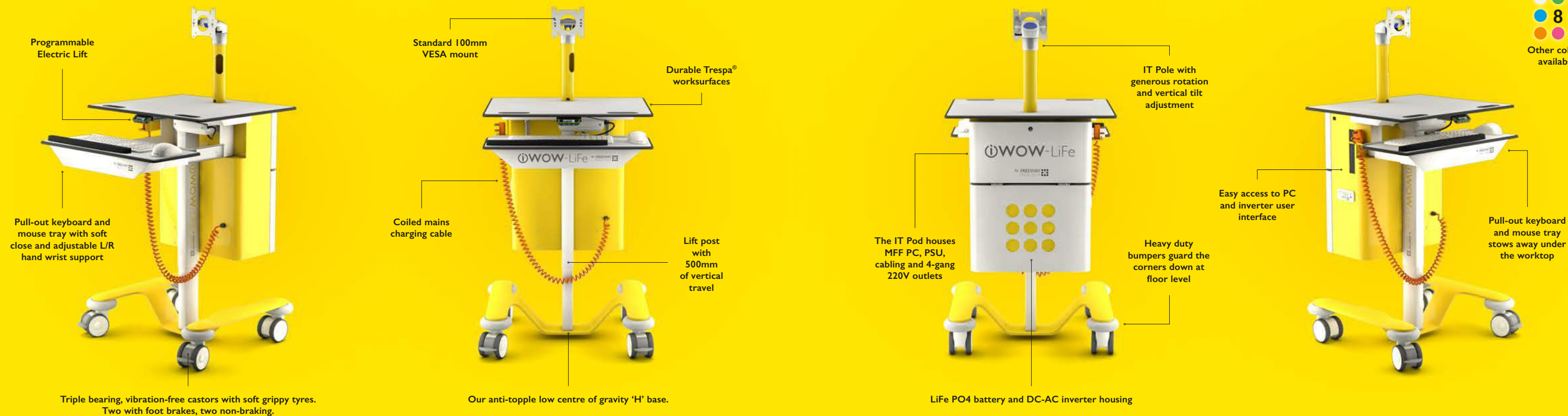
Coiled mains charging cable

Lift post with 500mm of vertical travel

The IT Pod houses MFF PC, PSU, cabling and 4-gang 220V outlets

Heavy duty bumpers guard the corners down at floor level

Pull-out keyboard and mouse tray stows away under the worktop

Triple bearing, vibration-free castors with soft grippy tyres. Two with foot brakes, two non-braking.

Our anti-topple low centre of gravity 'H' base.

LiFe PO4 battery and DC-AC inverter housing

iWOW® LiFe - WHY BUY?

FREEWAY Med-Tech

Safe in the knowledge...

The inverter we use is rigorously tested and complies with strict regulations known as IEC 60601. The standards are electrical testing regulations that ensure the carts are safe to use in hospital environments, including ITU's and theatres - protecting users and patients from electrical interference.

UL-60601 CERTIFIED

UL LISTED — **UL-60601 CERTIFIED - Safe for near-patient use and will not interfere with other life critical medical equipment.**

iWOW-LiFe
A SUPERIOR MOBILE AC POWER OPTION

Lower costs...

The iWOW® LiFe powered cart offers an industry-leading 220V AC output so you can operate all your current IT equipment. This reduces the initial startup cost when switching to a Freeway Med-Tech powered cart solution.

PHILIPS   **DELL**   **Lenovo**   **HP**   **ZEBRA**

Monitors & AIOs ———————————— Micro PCs ———— Printers & more

iWOW-LiFe - A SUPERIOR MOBILE AC POWER OPTION

High performance ✔
Our DC-AC inverter is 67% more powerful than the market leader and carries a 5yr warranty!

640 Whr — 12hrs run time ✔
The iWOW® LiFe battery has a whopping 640Whr capacity offering great mobile run-times!

In-house tech ✔
We design and manufacture our intelligent LiFe batteries to match our inverter for better performance and lower costs.

iWOW® LiFe - POWER FLOW

AIO

PC

Power all popular brands of PCs, Monitors and Printers

Plug-in to charge

LiFe P04

High capacity Lithium battery

DC

Intelligent Medical Power Inverter

AC

Mobile 220V 3-pin outlets x4
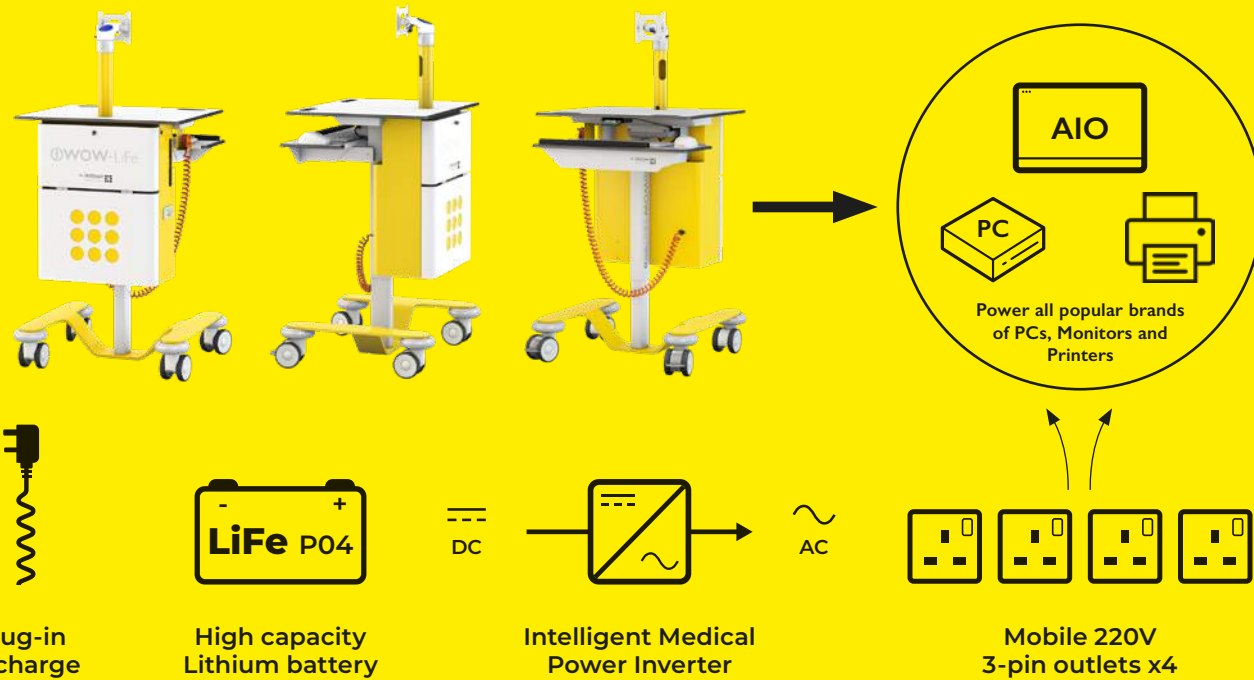
Charge overnight for a full shift* of 'on-the-go' mobile 220V AC power!

*12+ hrs running a typical MFF PC/Monitor setup.

iWOW-LiFe

by FREEWAY Med-Tech

iWOW® LiFe - POWER MANAGEMENT*

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Why do we need power management software?

Today's health care providers rely on mobile carts to bring crucial technology directly to the patient's bedside. Capturing data at the point of care is a key component in efforts to improve patient safety and quality of care. Mobile technology needs mobile power. Mobile power needs a tool to manage it.

Freeway Med-Tech's new iWOW® LiFe AC powered carts include MPMview software suite allowing real time information and alerts to keep a fleet of carts on the go. Now, management at any level is easier, from the nurse or clinician using one cart, to the IT manager and service technicians responsible for an entire fleet.

MPM - Clinician's View
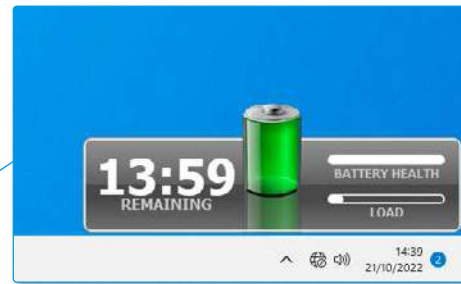
Convenient on screen tool tray icons for easy access status to mobile carts in use on the floor.

- Installs on any mobile medical cart PC
- Operational with Windows, Linux, or Mac
- Reads mobile power status via USB

MPM - Technician's View
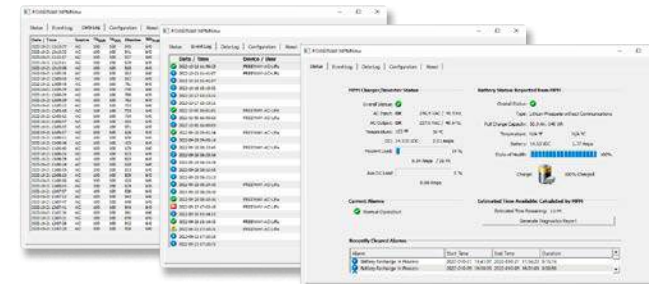
Detailed information for service tech to manage batteries and power supply readiness via LAN or local computer.

- MPM and battery status
- View alarm history by date/time of event to assist in cart usage tracking and service diagnostics.
- Event Log records date and time of all MPM alarms and status indications
- Data Log reports the source of output power and key battery and power measures

MPM - Fleet View
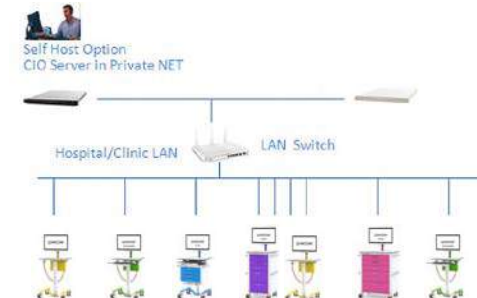
CIO/Fleetview is a simple to use rules-based monitoring and reporting tool to automatically watch over a fleet of carts for battery status and service alarms.

- **Need Service Now Report** List of devices with active Service alerts – Battery or component faults
- **Need Service Soon Report** Report of devices that have battery life below some threshold to allow budget planning/service rotation planning for battery replacement

*Available on iWOW® LiFe AC carts only and not the iWOW® range of DC powered carts.

iWOW®

GAS LIFT / ELECTRIC LIFT

The original iWOW® is a compact mobile workstation which lends itself to dedicated tasks such as logging patient data and drug administration. Available with gas height adjustment or a programmable digital electric lift.

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WORKTOP
750-1145
HEIGHT

iWOW® with Gas Lift

Our standard 'intelligent workstation on wheels' features a durable, anti-tilt base upon an ultra smooth set of castors (2 brakes). Generous bumpers help alleviate damage from knocks to doors and furniture. With nearly 400mm of travel, the height adjustable post allows users of all heights to work safely and comfortably. Featured on all iWOW®s, the lockable IT Pod houses cables, transformers and a micro form PC (if utilising the popular MT700-24T monitor). Fitted with a manually operated gas lift and 3.5m charging lead.

DIMENSIONS

Height = **750-1145mm**[*] Width = **600mm** Depth = **510mm**
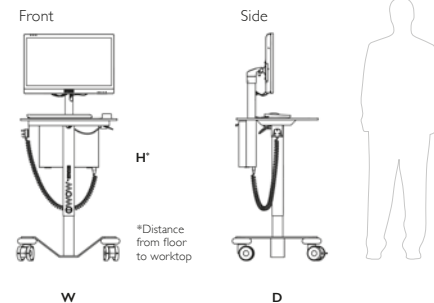
PRODUCT ELEVATIONS

Front   Side

H[*]

*Distance from floor to worktop

W   D

POD/BASE COLOURS *(included in price)*

Blue   Purple   Pink   Red   Orange   Yellow   Green   White

ANTI-TILT BASE & PREMIUM CASTORS

(p.14-15)

Low centre of gravity base and long-life triple bearing castors

FREEWAY
Med-Tech

TRIPLE BATTERY OPTION FOR GO-ANYWHERE ✔ MOBILE USE
x3

MT700 MONITOR POWERS A PC!

BATTERY POWER MONITOR INCLUDED

MT700-24T

(p.92-103)

MICRO FORM PC-READY

Install a micro form PC client into the iWOW® IT Pod.

*PC not included.

DURABLE WORKSURFACES

(p.16)

Durable Trespa® with integrated handles

LOCKABLE IT POD

(p.8-9)

The key operated lock is standard on all iWOW® IT Pods.

GAS-LIFT HEIGHT ADJUSTMENT

(p.12)

Standard equipment on iWOW, the lever-operated gas lift enables quick and easy height adjustment.

WORKTOP
760-1260
HEIGHT
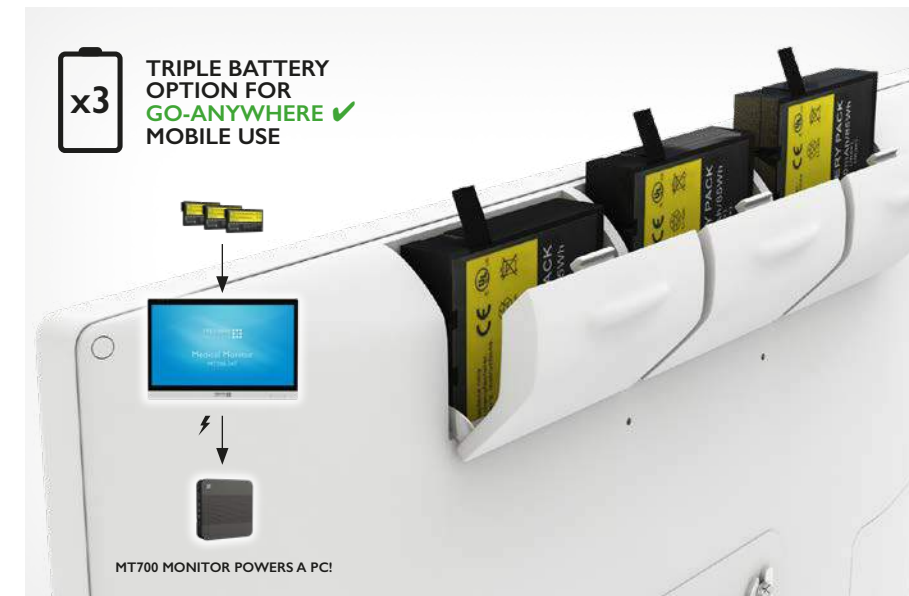
PRODUCT CODE
iWOW® with Electric Lift

This model features all the same specification as our standard iWOW®, but it's fitted with a convenient digital electric lift. The height lever is programmable for different user heights and requires only the lightest of touches to activate it, helping even the smallest of operators change the height of the worksurface easily and safely.

DIMENSIONS

Height = **760-1260mm***   Width = **600mm**   Depth = **510mm**
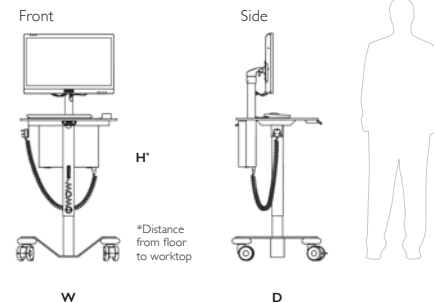
PRODUCT ELEVATIONS

Front   Side

H*

*Distance from floor to worktop

W   D

POD/BASE COLOURS *(included in price)*

Blue   Purple   Pink   Red   Orange   Yellow   Green   White

ANTI-TILT BASE & PREMIUM CASTORS

(p.14-15)

Low centre of gravity base and long-life triple bearing castors

---

DIGITAL ELECTRIC LIFT

Digital display - lever shows floor-to-worktop height when pressed.

BATTERY POWER MONITOR INCLUDED

MT700-24T

Medical Monitor
MT700-24T

(p.92-103)

MICRO FORM PC-READY

Install a micro form PC client into the iWOW® IT Pod.

*PC not included.

DURABLE WORKSURFACES

(p.16)

Durable Trespa® with integrated handles

LOCKABLE IT POD

(p.8-9)

The key operated lock is standard on all iWOW® IT Pods.

CHARGER DOCK *(available separately)*

(p.180/1)

Charge up to 6 Li-ion battery packs simultaneously!

iWOW® KEYBOARD

GAS LIFT   /   ELECTRIC LIFT

Based on the original concept, iWOW® Keyboard is a compact
mobile workstation with additional available worktop space due
to a clever slide-out keyboard shelf featuring negative tilt.
Two variations make up the offering - standard
gas lift or programmable electric lift.

NHS
NHS Supply Chain

WORKTOP
750-1145
HEIGHT

PRODUCT CODE
iWOW® KEYBOARD with Gas Lift

Featuring a handy space-saving pull-out shelf with movable L/R wrist support, the iWOW Keyboard offers a large uncluttered worksurface to work from. It has the same premium castors, anti-tilt base, IT Pod and IT Monitor Pole as the standard iWOW and also features our MT700-24T Medical Grade Monitor. This model is fitted with the manual gas lift for adjusting the cart's height.

DIMENSIONS
Height = **750-1145mm*** Width = **600mm** Depth = **520mm**

PRODUCT ELEVATIONS

Front   Side

H*

*Distance from floor to worktop

W   D

ANTI-TILT BASE & PREMIUM CASTORS

(p.14-15)

Low centre of gravity base and long-life triple bearing castors

POD/BASE COLOURS *(included in price)*

Blue	Purple	Pink	Red	Orange	Yellow	Green	White

10° ERGONOMIC NEGATIVE-TILT KEYBOARD SHELF

Universal wrist support moves left or right to suit all users' needs.

DURABLE WORKSURFACES

(p.16)

Durable Trespa® with integrated handles

LOCKABLE IT POD

(p.8-9)

The key operated lock is standard on all iWOW® IT Pods.

BATTERY POWER MONITOR INCLUDED

MT700-24T

(p.92-103)

MICRO FORM PC-READY

Install a micro form PC client into the iWOW® IT Pod.

*PC not included.

GAS-LIFT HEIGHT ADJUSTMENT

(p.12)

Standard equipment on iWOW, the lever-operated gas lift enables quick and easy height adjustment.

NHS
NHS Supply Chain

WORKTOP
760-1260
HEIGHT
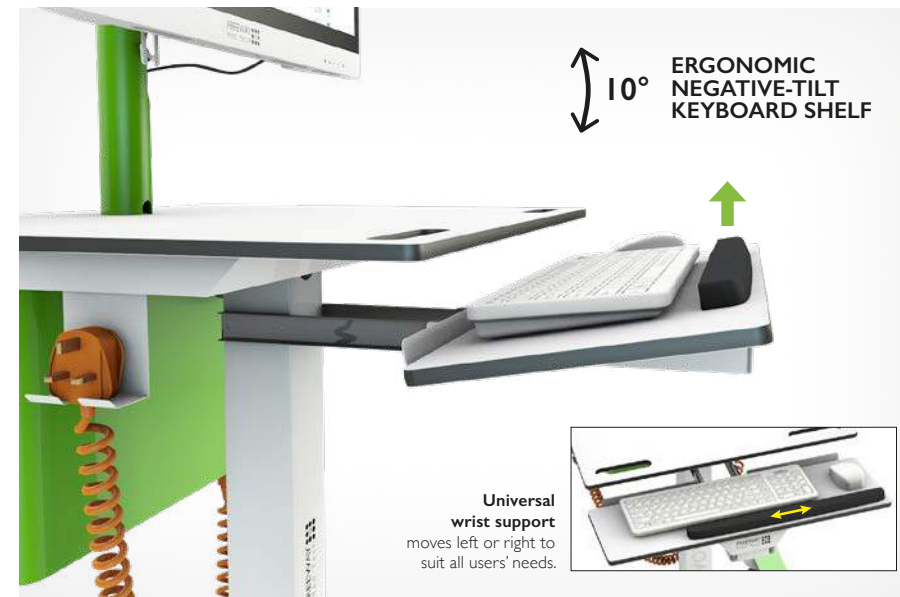
PRODUCT CODE
iWOW® KEYBOARD with Electric Lift

As per the standard iWOW® Electric lift, this Keyboard variant packs all the same specification as its sister gas lift model, but with the added feature of a programmable electric height adjuster making it super convenient for users of all sizes! The digital display shows the exact height from floor to worksurface when pressed so even if it's not programmed to a particular person, they can just remember the height for next time they use the iWOW®.

DIMENSIONS

Height = **760-1260mm**＊   Width = **600mm**   Depth = **520mm**
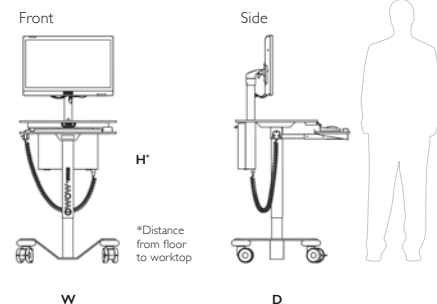
PRODUCT ELEVATIONS

Front   Side

H＊

*Distance from floor to worktop

W   D

DIGITAL ELECTRIC LIFT

Digital display - lever shows floor-to-worktop height when pressed.

88

119

BATTERY POWER MONITOR INCLUDED

MT700-24T

Medical Monitor
MT700-24T

(p.92-103)

MICRO FORM PC-READY

Install a micro form PC client into the iWOW® IT Pod.

*PC not included.

POD/BASE COLOURS *(included in price)*

Blue	Purple	Pink	Red	Orange	Yellow	Green	White

ANTI-TILT BASE & PREMIUM CASTORS

(p.14-15)

Low centre of gravity base and long-life triple bearing castors

DURABLE WORKSURFACES

(p.16)

Durable Trespa® with integrated handles

LOCKABLE IT POD

(p.8-9)

The key operated lock is standard on all iWOW® IT Pods.

CHARGER DOCK *(available separately)*

(p.180/1)

Charge up to 6 Li-ion battery packs simultaneously!

iWOW® DUAL

ELECTRIC LIFT

Based on the iWOW® Keyboard, this dual screen variant is a
compact mobile workstation which offers vast desktop space in
the software environment. Often used for specific tasks which
require multiple applications or windows on-screen at once.
The same work surfaces and clever slide-out keyboard shelf
featuring negative tilt, come as standard equipment.
Available as electric lift option only.

NHS
NHS Supply Chain

MONITOR
0° or 90°
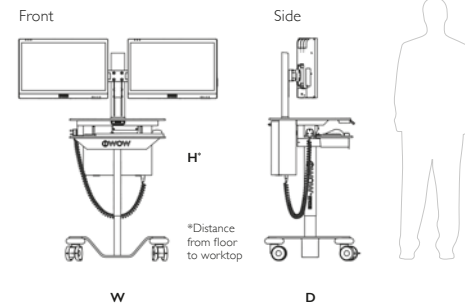ORIENTATION

PRODUCT CODE
iWOW® DUAL with Electric Lift

When a vast PC desktop is the requirement, iWOW® Dual has it covered. It uses either 2 x MT700 monitors or a combination of 1 x MT700 monitor and 1 x MT500 AIO PC. All can be vertically or horizontally mounted. The monitors can be fully closed together for storing or transport. This model is fitted with the programmable electric lift for adjusting the cart's height.

DIMENSIONS (excluding screens)
Height = 760-1260mm*   Width = **600mm**   Depth = **520mm**

PRODUCT ELEVATIONS (excluding screens)

Front   Side

H*

*Distance from floor to worktop

W   D

POD/BASE COLOURS (included in price)

Blue   Purple   Pink   Red   Orange   Yellow   Green   White

ANTI-TILT BASE & PREMIUM CASTORS

(p.14-15)

Low centre of gravity base and long-life triple bearing castors
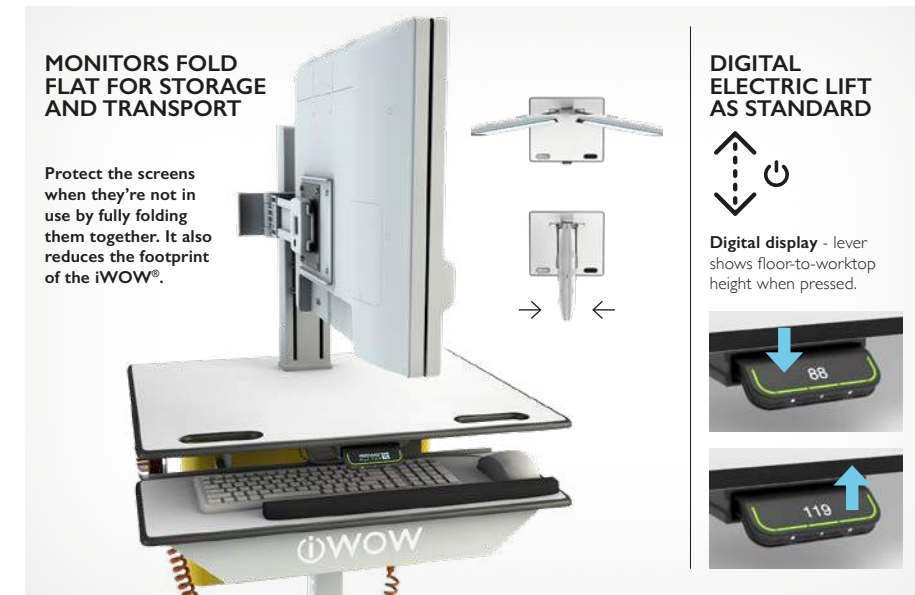
MONITORS FOLD FLAT FOR STORAGE AND TRANSPORT

Protect the screens when they're not in use by fully folding them together. It also reduces the footprint of the iWOW®.

DIGITAL ELECTRIC LIFT AS STANDARD

Digital display - lever shows floor-to-worktop height when pressed.

88

119

DURABLE WORKSURFACES

(p.16)

Durable Trespa® with integrated handles

LOCKABLE IT POD

(p.8-9)

The key operated lock is standard on all iWOW® IT Pods.

BATTERY POWER MONITORS INCLUDED

MT700-24T

FREEWAY
Medical Monitor
MT700-24T

(p.92-103)

MICRO FORM PC-READY

Install a micro form PC client into the iWOW® IT Pod.

*PC not included.

CHARGER DOCK (available separately)

(p.180/1)

Charge up to 6 Li-ion battery packs simultaneously!

iWOW® PLUS

ELECTRIC LIFT

With electric lift, integral configurable storage, built-in keyboard
shelf and accessory rails as standard, the iWOW® Plus delivers
on a range of different hospital uses.
All drawers are secured via a digital lock enabling sensitive
drugs and treatments to be held on-cart.

NHS
NHS Supply Chain

WORKTOP
760-1260
HEIGHT
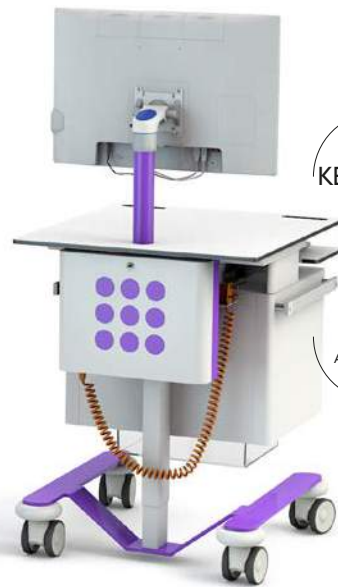
PULL-OUT
KEYBOARD
SHELF

MEDICAL
RAIL
AS STANDARD

Based upon our original iWOW®, the iWOW® Plus brings in a keyboard shelf and a configurable storage drawer bank. This opens up so many more possibilities for how the cart can be used. The number, size and order of the drawers can all be chosen at time of order. The drawers feature integrated trays and divider compartments so stock can be kept separated and easy to find. See overleaf for options and specification. All other components share the same high quality and durability as our other iWOW® models. Two medical accessory rails are fitted as standard.

DIMENSIONS

Height = **760-1260mm***   Width = **600mm**   Depth = **620mm**
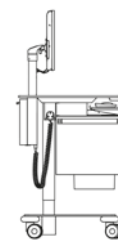
PRODUCT ELEVATIONS

Front   Side

H*

*Distance from floor to worktop

W   D

### ANTI-TILT BASE & PREMIUM CASTORS

(p.14-15)

Low centre of gravity base and long-life triple bearing castors

POD/BASE/DRAWER COLOURS *(included in price)*

Blue   Purple   Pink   Red   Orange   Yellow   Green   White

FREEWAY
Med-Tech

iWOW-PLUS by FREEWAY Med-Tech

Packed with 'PLUS' features as standard!

• All-metal storage drawers with replaceable front panels
• Choice of drawer/tray combinations and sizes
• Integrated keyboard and mouse shelf with ergonomic 10° negative-tilt
• Left or right hand adjustable wrist support
• Ergonomic 10° negative-tilt keyboard/mouse shelf
• Digital electric lift
• Medical rails for hook-over accessory system
• The same durable Trespa® worksurface with integrated handles, as all iWOW® models

BATTERY POWER MONITOR INCLUDED

MT700-24T

(p.92-103)

MICRO FORM PC-READY

Install a micro form PC client into the iWOW® IT Pod.

*PC not included.

HOOK-OVER ACCESSORIES *(available separately)*

(p.24-27)

*Consumables not included.

LOCKABLE IT POD

(p.8-9)

The key operated lock is standard on all iWOW® IT Pods.

DIGITAL ELECTRIC LIFT *(as standard)*

(p.13)

119

Standard equipment on iWOW-Plus, all height adjustment is handled by a programmable electric lever.

FREEWAY
Med-Tech

Configurable. Adaptable. Easy clean storage.

iWOW Plus is available with a number of different drawer and tray combinations to suit your purpose.

The options are vast - you can choose between; 2 drawers, 3 drawers, 4 drawers, 2 drawers and an extra deep tray, 3 drawers and a medium depth tray......the list goes on!

We also include handy inset divider trays which can be slid left and right or even removed completely to the more bulky stock in the tray underneath.
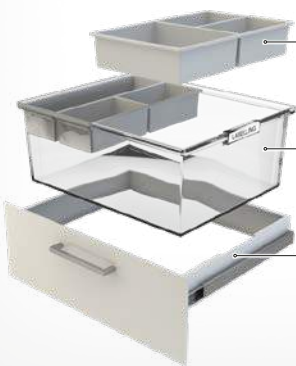
Sliding organiser trays - practical lift-out divider trays in 4 different compartment styles.

Clear removable drawer trays - 4 different depths, convenient storage trays for easy cleaning with integral labelling.

All-metal soft-close drawer - a generic chassis with removable faceplate and handle for cost-effective maintenance/repair.

iWOW-PLUS STORAGE CHOICE

4-drawer
4 single height drawers with trays

2-drawer
2 double-height drawers with trays.

3-drawer
2 single height drawers and trays at the top, 1 double-height drawer and tray at the bottom.

3-drawer
1 double-height drawer and tray at the top, 2 single height drawers and trays below.

3-drawer / triple depth tray
2 single height drawers and trays at the top, 1 double-height drawer with a triple height tray (approx 240mm) at the bottom.

3-drawer / quad depth tray
2 single height drawers and trays at the top, 1 double-height drawer with a quad height tray (approx 320mm) at the bottom.

A tray to suit every purpose

The iWOW® Plus' inner-drawer clear storage trays are available in 4 different sizes. All dimensions are consistent apart from each trays height. They all feature the same profile around the top edge which hold the sliding organiser trays and can be kept clean with alcohol wipes.

Length: 425mm
Width: 310mm
Height: 80/160/230/300mm
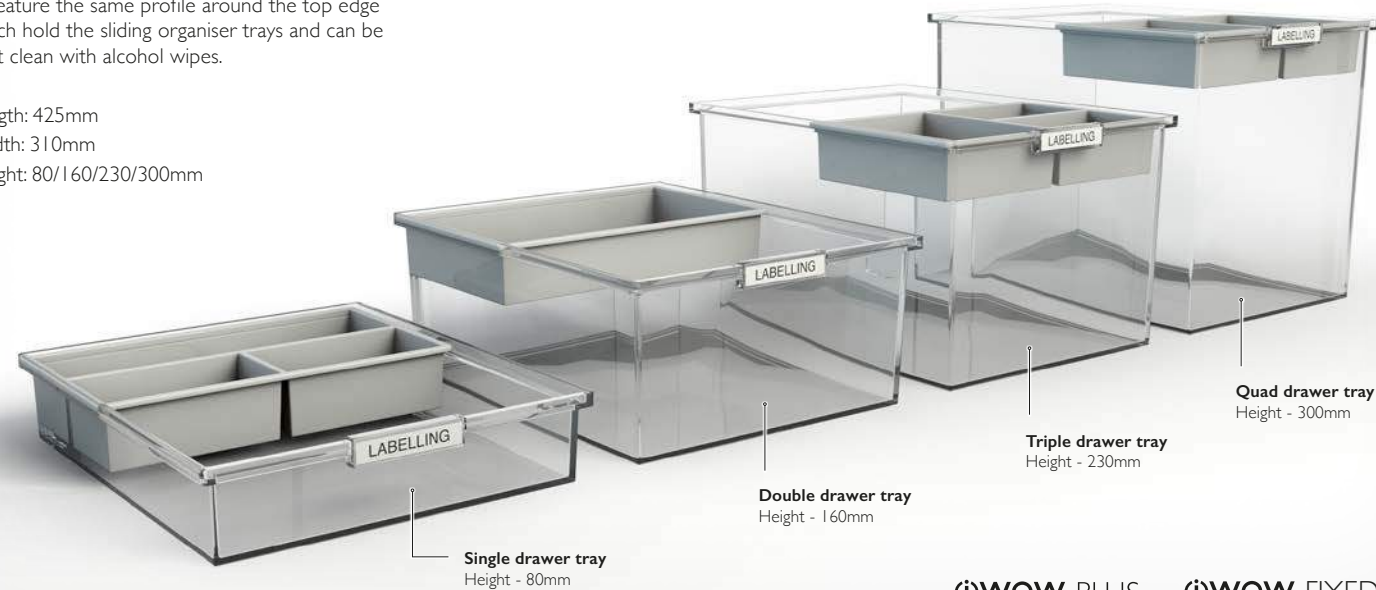
For objects of all shapes and sizes

The iWOW® Plus' sliding divider trays are available in 5 different variants. All dimensions are consistent for each tray. Again, they are very easy to keep clean by simply wiping over with standard alcohol wipes or similar cleaning solutions.

Length: 286mm
Width: 200mm
Height: 80mm

LABELLING

LABELLING

LABELLING

LABELLING

Quad drawer tray
Height - 300mm

Triple drawer tray
Height - 230mm

Double drawer tray
Height - 160mm

Single drawer tray
Height - 80mm

Quad compartment

Triple long compartment

Triple compartment

Double compartment

Single compartment

iWOW-PLUS   iWOW-FIXED⁶⁰⁰
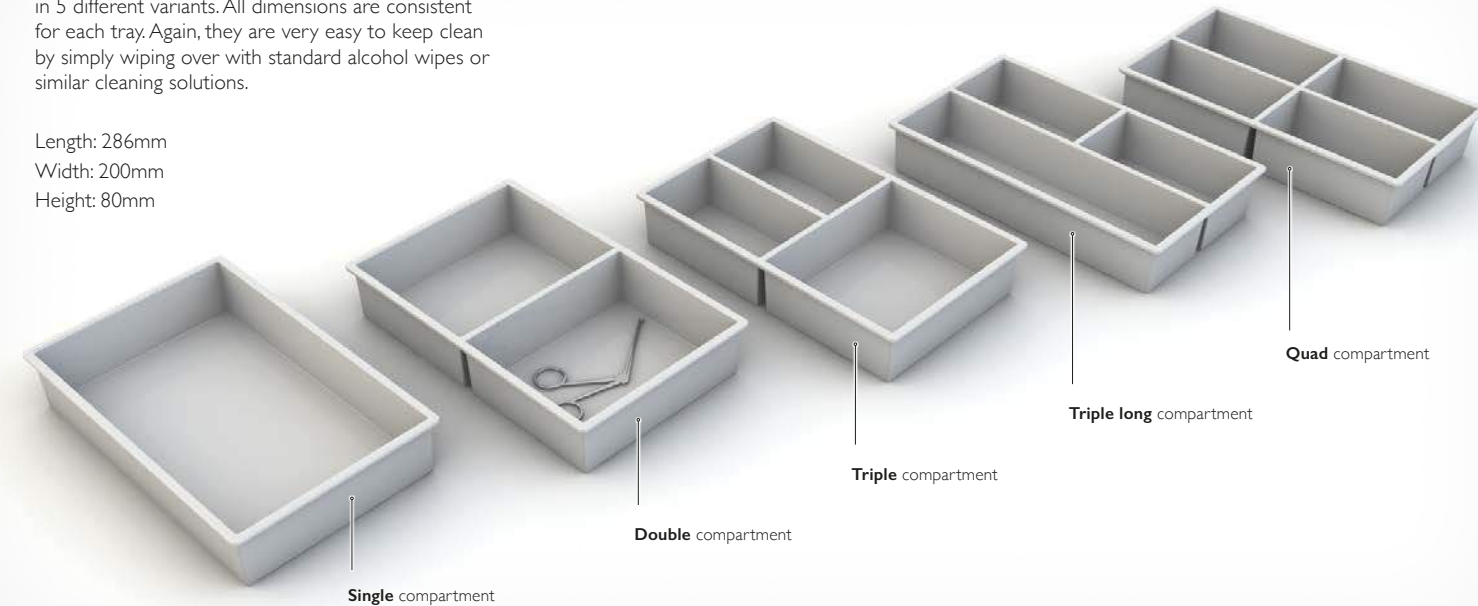
iWOW-PLUS   iWOW-FIXED⁶⁰⁰

For those wanting 'keyless' security.

Easy day-to-day PIN operation.
Secure sensitive stock with our keyless operation digital lock. It provides security with a simple 4-digit user-defined PIN code. The device is powered by 2 × AA batteries.

A forgotten code? - there's always a master key to overide the digital lock and reset it in the event of forgotten or lost PINs.

Does my security choice affect the cost?
Both our digital keyless and Abloy® keyed security choices are no-cost options and included in the base cost of our iWOW Plus workstations.

Or, if you prefer keys then the cam lock is the one for you.

DOM 225081
A 19.5mm Pin Tumbler Lock is supplied under the 22 Master Key Series in a Bright Nickel Finish.

200 key combinations Ensure a random key match would be extremely rare.

Attractive - bright nicklel plated finish fits perfectly with other high quality components on the iWOW® Plus workstation.

iWOW® FIXED 600

FIXED-HEIGHT, 600MM WIDE

The newest in the line-up and now available in two different widths, iWOW® Fixed offers storage a plenty with the iWOW® drawer/tray system plus up to four medical rails for hook-over accessories. All this on a fixed height chassis.

WORKTOP FIXED HEIGHT

MEDICAL RAIL AS STANDARD

POD/DRAWER COLOURS *(included in price)*

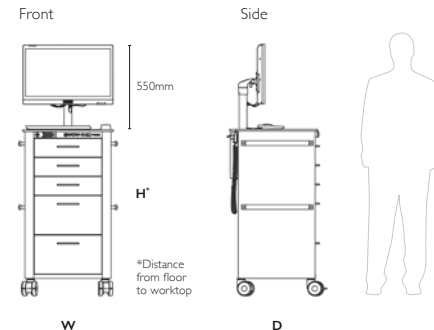| Blue	Purple	Pink	Red	Orange	Yellow	Green	White

For those not needing height adjustment, this fixed-height model has an abundance of storage space utilising the same drawer/tray system as iWOW® Plus. It also features up to four medical accessory rails which can hold accessories like Sharps bins, gel holders, O^2 holders, notes folders, to name but a few (see pages 26-29). As other models, cables, power supplies and a micro PC can all be safely housed in the integrated iWOW® IT Pod (see pages 10-11).

DIMENSIONS

Height = **1130mm**[*]   Width = **600mm**   Depth = **620mm**

PRODUCT ELEVATIONS)

Front   Side

550mm

H[*]

*Distance from floor to worktop

W   D

MEDICAL RAILS FOR ACCESSORIES

(p.24-27)

Accessory rails x4 are standard equipment on iWOW Fixed.

FREEWAY Med-Tech

iWOW-FIXED by FREEWAY Med-Tech

iWOW FIXED 600 SERIES

A fixed-height cart with plenty of storage and accessory space!

- XL capacity storage design
- All-metal storage drawers with replaceable front panels
- Removable clear trays for easy stocking and re-stocking
- Medical rails x4 for hook-over accessories
- The same durable Trespa® worksurface, as all iWOW® models

BATTERY POWER MONITOR INCLUDED

MT700-24T

(p.92-103)

MICRO FORM PC-READY

Install a micro form PC client into the iWOW® IT Pod.

*PC not included.

DURABLE WORKSURFACES

(p.16)

Durable Trespa® with integrated handles

LOCKABLE IT POD

(p.8-9)

The key operated lock is standard on all iWOW® IT Pods.

HOOK-OVER ACCESSORIES *(available separately)*

(p.24-27)

*Consumables not included.

iWOW® FIXED 800

FIXED-HEIGHT, 800MM WIDE

Now available in the popular '800' width, this variant of iWOW® Fixed really delivers on storage capacity. Different to its slimmer cousin, iWOW® Fixed 800 features the HTM71 storage tray standard and therefore is compatible with existing back-room storage units.

PRODUCT CODE
iWOW® FIXED 800

For those needing maximum storage, this fixed-height 800 model has an abundance of storage, utilising the HTM71 600x400mm tray system. These hospital standard trays can be swapped out quickly and easily with new stocked trays from modular storage racks which support the HTM71 system (see pages 64-67). As per other iWOW® models; all cables, power supplies and a micro PC can be safely housed in the integrated iWOW® IT Pod (see pages 10-11).

DIMENSIONS
Height = **1130mm**˟   Width = **800mm**   Depth = **620mm**

PRODUCT ELEVATIONS)
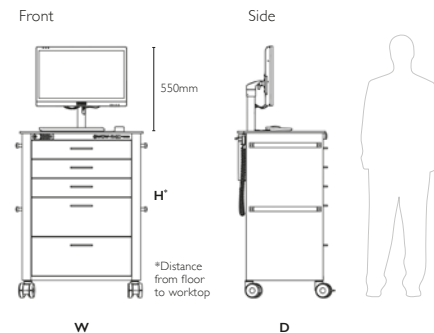
Front   Side

550mm

H˟

*Distance
from floor
to worktop

W   D

WORKTOP
FIXED
HEIGHT

MEDICAL
RAIL
AS STANDARD

MEDICAL RAILS FOR ACCESSORIES

(p.24-27)

Accessory rails x4 are standard equipment on iWOW Fixed.

POD/DRAWER COLOURS *(included in price)*

Blue   Purple   Pink   Red   Orange   Yellow   Green   White

---

iWOW-FIXED by FREEWAY
Med-Tech

Now even more storage space with the iWOW Fixed 800 Series!

• XXL storage capacity
• All-metal 700mm wide storage drawers with replaceable front panels
• HTM71 easy re-stocking interchangeable trays
• Medical rails x4 for hook-over accessories
• The same durable Trespa® worksurface, as all iWOW® models

BATTERY POWER MONITOR INCLUDED

MT700-24T

(p.92-103)

MICRO FORM PC-READY

Install a micro form PC client into the iWOW® IT Pod.

*PC not included.

DURABLE WORKSURFACES

(p.16)

Durable Trespa® with integrated handles

LOCKABLE IT POD

(p.8-9)

The key operated lock is standard on all iWOW® IT Pods.

HOOK-OVER ACCESSORIES *(available separately)*

(p.24-27)

*Consumables not included.

FREEWAY
Med-Tech

Manage the iWOW® Fixed 800 re-stocking process in a flash!

With pre-stocked trays held ready in a separate, colour matched cart, it's so easy and quick to swap used trays for new. The tall HTM71 storage units can be colour matched to your iWOW® Fixed 800 so the user can locate its stock without a fuss.

PRE-STOCKED TRAY
(in storage unit)

1 min

LOW / EMPTY TRAY
(from iWOW Fixed 800)

Colour identifiable HTM71 storage units - fully stocked trays are held here ready for quick re-stocking of an iWOW® Fixed 800 matching its colour.

Colour coded back-room storage.
By each iWOW having it's own corresponding colour storage unit, the whole process of re-stocking in different departments is easy and better logged.

FREEWAY
Med-Tech

Freeway HTM71 - a colour-coded organised re-stocking system.

Another way to use the HTM71 system, is to keep pre-stock trays in the 'green' area of the tall storage and put empty trays back into the 'red' area. This simple, effective stock storage system can be utilised with the iWOW® 800 cart.

**GREEN AREA
=
STOCKED TRAYS** ▶

**RED AREA
=
EMPTY TRAYS** ▶

HTM71 trays (Health Technical Memorandum 71)

Published by the NHS, the HTM71 standard is a consistent sized storage solution for trays, baskets and cupboards which all accept these standardised 600x400mm trays.

Create unparalleled speed and organisation when re-stocking carts

- Empty tray out and put into the red area
- A new, fully stocked tray pulled from the green area and put into the iWOW®
- Back-room staff then stock the empty trays and rotate into the green area of the tall storage unit.
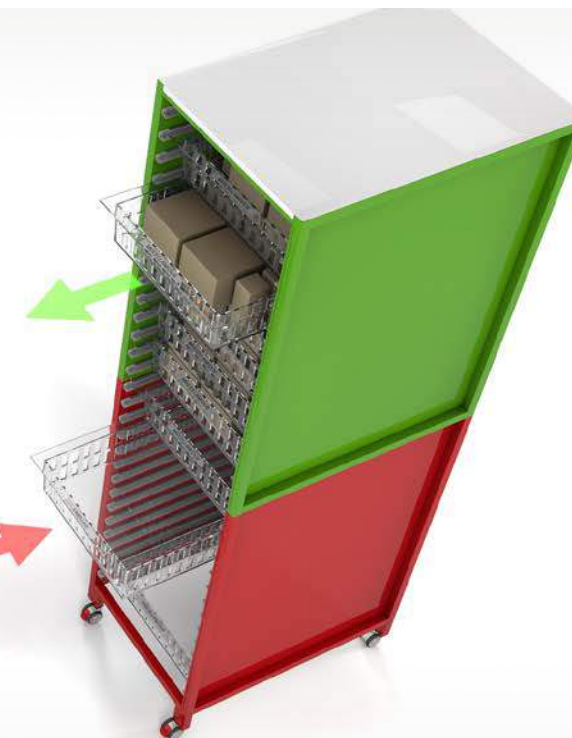
iWOW® DUO

ELECTRIC LIFT

A dual-use mobile workstation offering the flexibility of a removable tablet PC that can be docked into the iWOW® Duo whilst powered up and in use, enabling the user to continue working using the main monitor, keyboard and mouse.

Programmable electric lift and a lockable tablet housing is standard equipment on the iWOW® Duo.

iWOW-DUO *by* FREEWAY Med-Tech

So, how is it used?

Just one of the benefits of using iWOW-Duo, is great infection control. By removing just the tablet to enter sensitive areas, it means that on exit, only the tablet requires sanitisation!

Instantly live
Once the tablet is removed from the security clamp, it near instantaneously shuts down the cart's screen and wakes its own display.

A simple process...

1. Arrive at the sensitive area/room with the iWOW® Duo.

2. Take only the tablet into the quarantine room.

3. Scan the patient with the tablet to identify, check and administer care if needed.

4. Leave the room and sanitise only the tablet and return to the dock in the iWOW® Duo.

NHS Supply Chain

WORKTOP
760-1260
HEIGHT

PULL-OUT
KEYBOARD
SHELF

LOCKABLE
DOCKING
CLAMP

POD/BASE COLOURS *(included in price)*
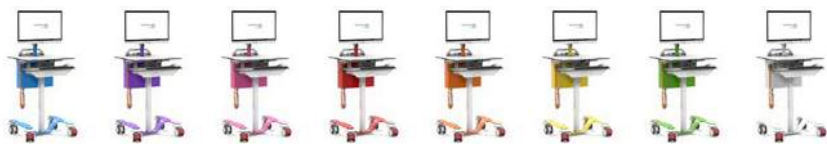
| Blue | Purple | Pink | Red | Orange | Yellow | Green | White |

The iWOW® Duo is our latest model in the range and really does offer flexible mobile computing. It's powerful removable tablet PC which runs a full enterprise version of Windows®10, enables the user to take work away whilst on breaks and return and continue without interuption. The tablet can be left on the cart without fear of it going missing due to the lockable clamp housing. Also featuring the popular pull-out negative tilt keyboard shelf. All other components share the same high quality and durability as our other iWOW® models in the range.

DIMENSIONS

Height = **760-1260mm**˟   Width = **600mm**   Depth = **620mm**
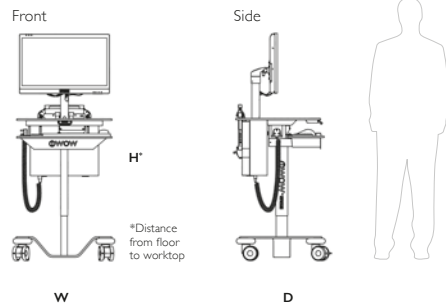
PRODUCT ELEVATIONS

Front   Side

H˟

*Distance from floor to worktop

W   D

ANTI-TILT BASE & PREMIUM CASTORS

(p.14-15)

Low centre of gravity base and long-life triple bearing castors

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iWOW-DUO *by* FREEWAY Med-Tech

Experience zero screen downtime when docking the tablet!

As the tablet is docked into the Duo's security clamp, the tablet's screen is immediately switched off and the cart's main 24in medical monitor becomes live. This hot-swappable process means whatever application you were using on the tablet, stays open and is shown on the main monitor without delay.

Tablet docked: main screen switches on.

Undocking the tablet instantly restores power to the screen and switches off the main screen.

DURABLE WORKSURFACES

(p.16)

Durable Trespa® with integrated handles

LOCKABLE TABLET CLAMP

A key operated lock on the tablet dock offers enhanced security from theft.

BATTERY POWER MONITOR INCLUDED

MT700-24T

(p.92-103)

TABLET & ACCESSORIES INFO

See pages 164-175
For detailed information on the MT300 Tablet and available accessories.

DIGITAL ELECTRIC LIFT *(as standard)*

(p.13)

Standard equipment on iWOW® Duo, all height adjustment is handled by a programmable electric lever.

FREEWAY
Med-Tech

Powers a PC!*

*PC not included

MEDICAL MONITOR

BATTERY POWERED / 24IN

24in

FREEWAY
Med-Tech

The Freeway Med-Tech battery powered monitor will power a Dell MFF PC and/or peripheral devices!

No need for large expensive 'car battery' style power supplies.

3 x DC outs - 12, 15 & 19V
The 3 different output voltages give flexibility to power up various popular add-on devices.

Example opposite shows use of the 12 & 19V DC outputs.

DC outs x3

12V Monitor's DC output

19V Monitor's DC output

ZEBRA

An important peripheral
No need to dock and separately charge this mobile label printer. It is kept topped up all day via the monitor's battery packs.

DELL **hp** **Lenovo**

A full speed workstation
When our MT700 Monitor is used on a mobile workstation, all the power that is required to operate a MFF PC comes direct from the Monitor's DC outs! Popular Dell, HP and Lenovo DC-in voltages supported.

But there's more....

Our unique industry-leading technology enables the PC CPU to run at 100% speed!

There's <u>no</u> throttling back of the CPU because it's running on battery power.

CPU

MAX SPEED   100% PROCESSING POWER

£££₤
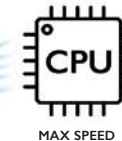
Savings over it's lifetime >
See overleaf why the MT700 Monitor is so economical to own over the long run.

FREEWAY
Med-Tech

The MT700 Monitor offers low 'cost to entry' for mobile go-anywhere workstations as well as a lower lifecycle cost*.

Already have the PC hardware?
By utilising an existing and suitable Dell MFF PC, the MT700 immediately offers mobile computing together with the benefit of being able to update the PC at a later date relatively inexpensively compared with an AIO system!

£££

Note - All batteries have a performance lifespan
This is why we utilise the highest quality lithium cells from a brand leader and package them up into small individual 90Wh battery packs. The replacement and servicing cost for these smaller units is much lower than older large dedicated battery setups.

No dedicated expensive battery packs

£

Initial MT700 purchase

Replace inexpensive battery packs

Update separate PC hardware

Continue to operate the MT700 Monitor

Year 0

Year 2-3

Year 4-5

Years 6+

Example MT700-24T product lifecycle

*Compared with all-in-one monitor/PCs and/or mobile workstations using large dedicated battery systems.

NHS
NHS Supply Chain

24/7

NON-STOP HOT-SWAPPABLE POWER

PRODUCT CODE

**MT700-24T** Battery powered 24in touch screen medical grade monitor

The Freeway Med-Tech MT700-24T Battery Powered Monitor offers truely mobile computing for up to an entire shift due to the powerful, hot-swappable rechargeable battery packs. Available with either 1, 2 or 3 Lithium-ion batteries, you choose whether you simply require emergency power back up, or a full shift of wire-free operation. Also features a handy built-in reading light.

DIMENSIONS

Height = **370.9mm**   Width = **564.4mm**   Depth = **41.2mm**

PRODUCT ELEVATIONS

Front   Side

H

W   D
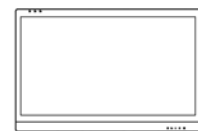
KEY FEATURES

- Uses up to 3 Lithium-ion batteries for a full shift of mobile operation
- No need to be near mains power
- DC outputs can power a standalone micro form PC and/or computer peripherals
- Only medical monitor to power a micro PC CPU at 100% speed!
- High contrast 24" capacitive-type touch screen
- Slim fanless design
- UL60601 certified with anti-microbial enclosure
- Withstands common medical environment cleaning chemicals"

STATE-OF-THE-ART TOUCH SCREEN

10-point multi touch capacitive type screens as standard!

CHARGER DOCK (available separately)

(p.180/1)

Charge up to 6 Li-ion battery packs simultaneously!

FREEWAY Med-Tech

FRONT

TOUCH SCREEN

Medical Monitor
MT700-24T

REAR

Uses up to 3 Li-ion batteries

100×100 VESA mounting

IP65 IPX2

Water resistant enclosures
The screen and rear enclosure are IP rated against dust and moisture ingress, ensuring easy cleaning and disinfection*.

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

£££££

Cost effective upgrades
Separate PC allows for easy future IT upgrades.

CPU 100%

Monitor powers a PC!
DC-out will power a micro form PC at full processor speed!

COMPREHENSIVE I/O†

DC outputs   DC in

USB input (type B)

COM ports

USB touch screen connection

USB 3.0   HDMI   WiFi

†Medical Monitor / AIO enclosure design and I/O connections are subject to change without notice. Image may look different to production models.

Stereo speaker   Reading light   Stereo speaker

Battery status made easy
Front facing LED battery indicators offer feedback on the health of each battery.

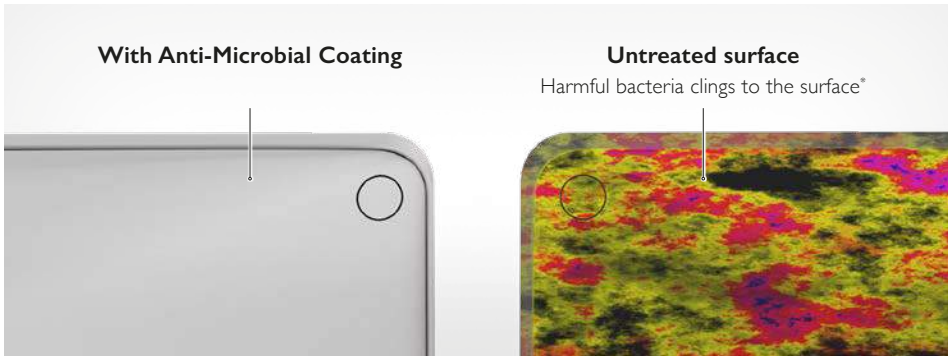Easily hot-swap battery packs in a matter of seconds

Clear battery status LEDs

Li-ion

DC-out

The monitor's DC-out can power a micro-form PC!

Moisture resistant medical-grade front panel

With Anti-Microbial Coating

Untreated surface
Harmful bacteria clings to the surface*

Anti-microbial enclosure resists bacteria transmission

*For illustrative purposesonly. Bacteria cannot be seen with the naked eye.

TECHNICAL SPECIFICATIONS

System	
Display	23.8in capacitive touch screen
Display Resolution	1920x1080
Viewing Angle	Horizontal 89°, Vertical 89°
Number of Colours	16.7M
Brightness	250cd/m2
Response Time	16ms
Control Button	1 screen on/off button, 1 menu button, 1 auto/exit button and 2 up/down buttons
Reading Light	LED reading light × 1
Speaker	Built-in speakers
Microphone	Built-in microphones
I/O Ports	
USB Port	USB 3.0 × 6
USB Port for Touch Screen Connection	USB Type-B (2.0) × 1
USB Input Port	USB Type-B (2.0) × 1
HDMI	1
Antenna	Wi-Fi passthrough × 2
DC-in	1
DC-out	12V × 1, 15V × 1, 19V × 1
COM port	2

Mechanical/Environment	
Fan/Fanless	Fanless
AC/DC Adaptor	Input: 100 – 240V AC; Output: 19V DC, 3.78A
Battery Pack	MT202 Li-ion battery; 90Wh, 8250mAh × 3 (optional)
Enclosure	ABS + PC plastics, anti-microbial enclosure
Dimensions (H × W × D)	370.9 × 564.4 × 41.2 mm
Weight	6.5kg (without batteries); 7.8kg (with 3 batteries)
VESA-compliant mounting	100mm × 100mm VESA standard
Regulatory	ANSI/AAMI ES60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, IEC 62368-1, RCM, CCC
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C
Humidity	0% – 90% non-condensing
Major options	
Camera	5 megapixel front camera
NFC/RFID reader	Dual frequency, reads both 125KHz and 13.56MHz credentials

MT700-24T ACCESSORIES *(available separately)*
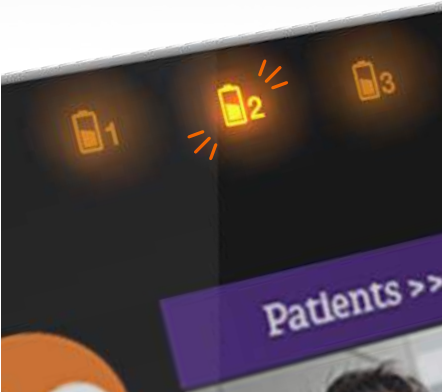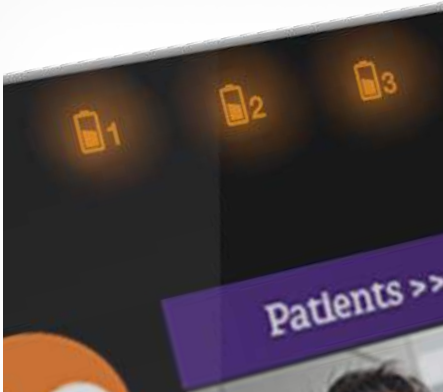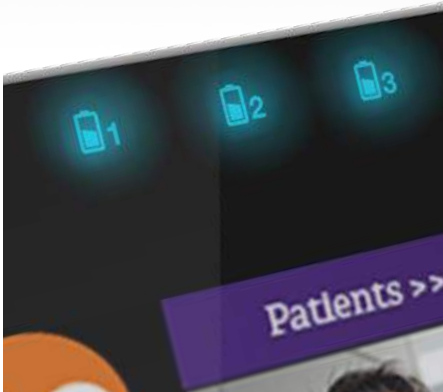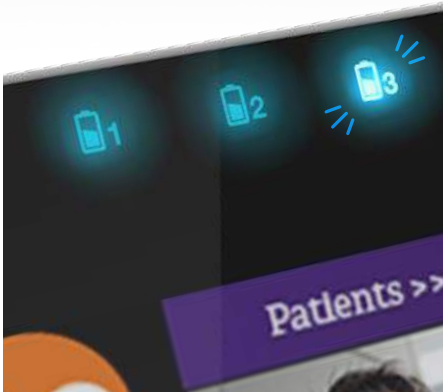

MT202
Li-ion
battery
pack

MT202
6-gang
battery
charger

FREEWAY
Med-Tech

Battery status. Constantly visible.

The Freeway Med-Tech MT500-24T (AIO) and the MT700-24T (Monitor) products feature an intuitive LED battery health indicator system that is always visible at the top of the panel.

Simply by glancing at the top left of the screen, the user can quickly see if the batteries are; fully charged, partly charged or are in need of immediate charging. The same indicators will also tell the user when the unit is plugged in and charging.

See the images opposite for the indication of each stage.

Battery status lights
are situated here

The on-screen menu

Exact percentages
can be seen by entering the menu
using the monitor's function buttons.

So, what do the battery status LEDs mean?

A blinking blue indicator...
This means the corresponding battery is charging.

A solid blue indicator...
This means the corresponding battery is charged 25% and above. No need to worry about charging in the near term.

A solid orange indicator...
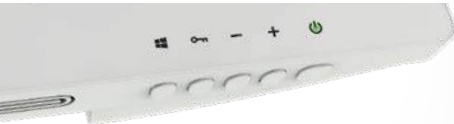This means the corresponding battery is charged between 24-10%. The user should be aware that the pack will need charging soon.

A blinking orange indicator...
This means the corresponding battery is charged 9% or less. The user should swap out the battery or plug the iWOW into a mains socket (if applicable).
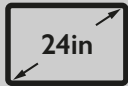
MEDICAL MONITOR

MAINS POWERED / 24IN
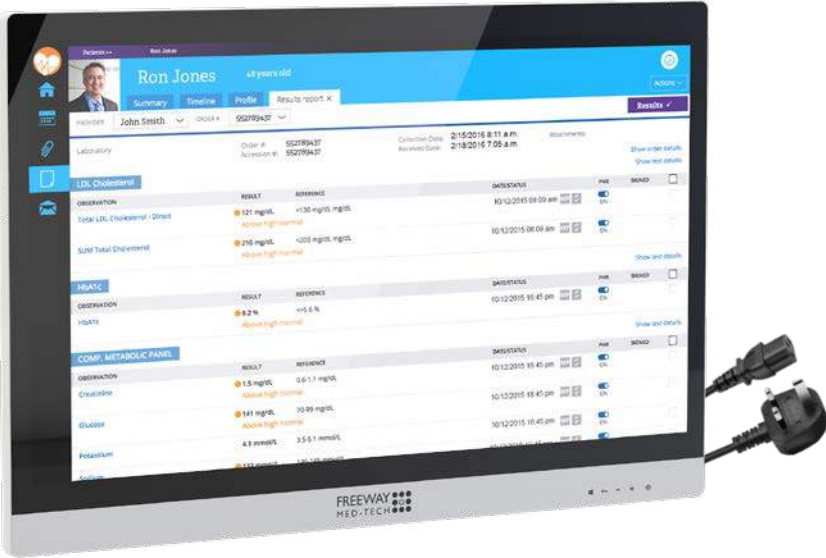
Micro
PC*

*PC not included

NHS Supply Chain

PRODUCT CODE

MT600-24T Mains powered 24in touch screen medical grade monitor

The Freeway Med-Tech MT600-24T Mains Powered Monitor offers the same technical specification and features as our battery powered model, just with the need for a permanent 240V mains supply. For use where an iWOW will be predominately used in a fixed location.

DIMENSIONS

Height = **370.9mm**   Width = **564.4mm**   Depth = **41.2mm**

PRODUCT ELEVATIONS

Front   Side

H

W   D

KEY FEATURES

- 240V mains operated
- High contrast 24" capacitive-type touch screen
- Fanless design
- Full-HD (1920x1080) resolution
- UL60601 certified with anti-microbial enclosure
- Withstands common medical environment cleaning chemicals*
- OPTIONAL front camera and RFID reader available

FRONT

REAR

100x100 VESA mounting

COMPREHENSIVE I/O†

USB input (type B)   USB touch screen connection

DC-IN   USB 3.0   USB 3.0   HDMI

†Medical Monitor / AIO enclosure design and I/O connections are subject to change without notice. Image may look different to production models.

Stereo speaker   Stereo speaker

STATE-OF-THE-ART TOUCH SCREEN

10-point multi touch capacitive type screens as standard!

MAINS POWERED (iWOW required to be plugged-in)

IP65 IPX2

Water resistant enclosures
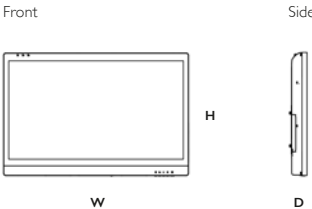The screen and rear enclosure are IP rated against dust and moisture ingress, ensuring easy cleaning and disinfection*.

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

£££££

Cost effective upgrades
Separate PC allows for easy future IT upgrades.

Mains powered
Requires a permanent 240V mains outlet for use.

Touch screen input
All monitors and AIO's feature state of the art 10-point multi-touch capacitive type touch screens.

Built-in speakers and clear easy-to-use function buttons located on the underside of the monitor

With Anti-Microbial Coating

Untreated surface
Harmful bacteria clings to the surface*

*For illustrative purposes only. Bacteria cannot be seen with the naked eye.

Moisture resistant medical-grade front panel

Anti-microbial enclosure resists bacteria transmission

TECHNICAL SPECIFICATIONS

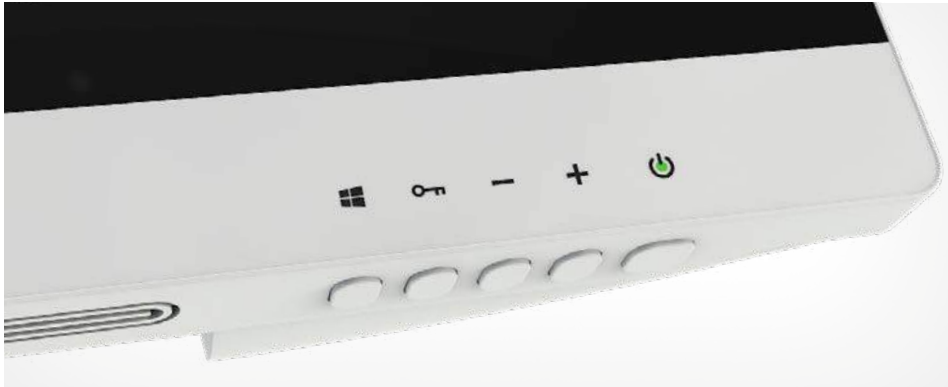| System	
Display	23.8in capacitive touch screen
Display Resolution	1920x1080
Viewing Angle	Horizontal 89°, Vertical 89°
Number of Colours	16.7M
Brightness	250cd/m2
Response Time	16ms
Control Button	1 screen on/off button, 1 menu button, 1 auto/exit button and 2 up/down buttons
Speaker	Built-in speakers
Microphone	Built-in microphones
I/O Ports	
USB Port	USB 3.0 × 6
USB Port for Touch Screen Connection	USB Type-B (2.0) × 1
USB Input Port	USB Type-B (3.0) × 1
HDMI	1
Antenna	Wi-Fi passthrough × 2
DC-in	1

Mechanical/Environment	
Fan/Fanless	Fanless
AC/DC Adaptor	Input: 100 – 240V AC; Output: 19V DC, 3.78A
Enclosure	ABS + PC plastics, anti-microbial enclosure
Dimensions (H x W x D)	370.5 × 567 × 45.2mm
Weight	6.4kg
VESA-compliant mounting	100mm × 100mm VESA standard
Regulatory	ANSI/AAMI ES60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, IEC 62368-1, RCM, CCC
Temperature	Operation: 0°C to 40°C; Storage: -10°C to 50°C
Humidity	0% – 90% non-condensing
Major options	
Camera	5 megapixel front camera
NFC/RFID reader	Dual frequency, reads both 125KHz and 13.56MHz credentials

FREEWAY
Med-Tech

MEDICAL AIO

BATTERY POWERED / 24IN

24in
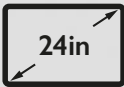
Freeway Med-Tech's battery powered AIOs use desktop-class processors.

Not all i5 CPUs are equal!

Check out the comparisons opposite...

Graph Performance Key >

Taller bars and higher numbers in the graphs indicate better performance. For example, a score of 10000 shows a CPU is twice as powerful as one rated at 5000.

COMPETITOR
CPU

VS

FREEWAY
Med-Tech
CPU

Comparisons shown opposite, use the popular **Passmark Rating** generated via the website **www.cpubenchmark.net**

PassMark SOFTWARE

CPU Benchmarks
Over 1,000,000 CPUs Benchmarked
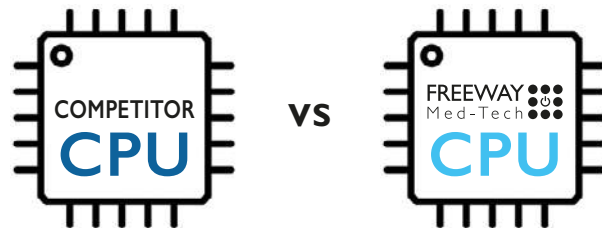
Our competitors' CPU **Passmark Rating*** **VS** the Freeway Med-Tech AIO processor family

Maximum **x4** cores

Up to **x10** cores

All CPU references are correct at the time of publishing

10432
9986

5692
5261

Average competitor i5
Passmark Rating
- - - - - - - - - - -

3710
3395

15146

12900

10219

*Higher numbers are better

i7 (1165G7)	i5 (1135G7)	i5 (8365UE)	i7 (8665UE)	i7 (7600U)	i5 (7200U)
COMPETITOR	COMPETITOR	COMPETITOR	COMPETITOR	COMPETITOR	COMPETITOR

Competitors' AIO CPUs

i9 (10900T)	i7 (10700T)	i5 (10500T)	Pentium Gold (G6400T)
FREEWAY Med-Tech	FREEWAY Med-Tech	FREEWAY Med-Tech	FREEWAY Med-Tech

3587

Med-Tech CPU options

FREEWAY
Med-Tech

Put simply, we knock the socks off our rivals' AIO processors!

NHS Trust's save £1000's by purchasing our i5 AIO for an entire fleet of workstations, when compared with purchasing a competitors' i7 model. **AND, not only is there a huge cost saving, the performance would be better too! What's not to like?**

See yet more performance comparisons opposite...

Comparisons shown, use the popular **User Benchmark** scores generated via the website **cpu.userbenchmark.com**

COMPETITORS | **FREEWAY Med-Tech**

intel CORE i5
Core i5-7200U
2 core, 4 threads, 15W, release rate: Q3'16
UserBenchmark — Average: 45.4%

45.4%
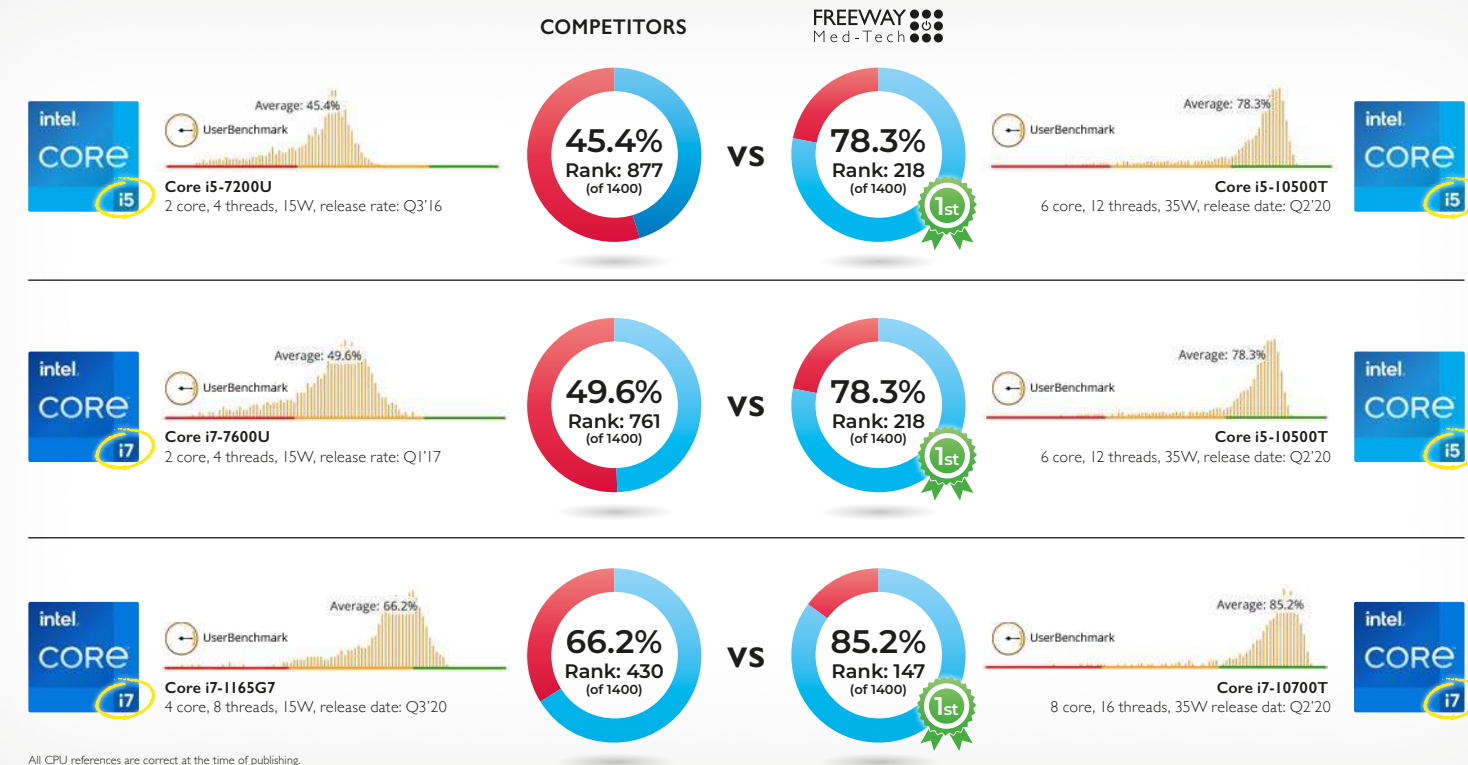Rank: 877
(of 1400)

VS

78.3%
Rank: 218
(of 1400)

UserBenchmark — Average: 78.3%
Core i5-10500T
6 core, 12 threads, 35W, release date: Q2'20
intel CORE i5

---

intel CORE i7
Core i7-7600U
2 core, 4 threads, 15W, release rate: Q1'17
UserBenchmark — Average: 49.6%

49.6%
Rank: 761
(of 1400)

VS

78.3%
Rank: 218
(of 1400)

UserBenchmark — Average: 78.3%
Core i5-10500T
6 core, 12 threads, 35W, release date: Q2'20
intel CORE i5

---

intel CORE i7
Core i7-1165G7
4 core, 8 threads, 15W, release date: Q3'20
UserBenchmark — Average: 66.2%

66.2%
Rank: 430
(of 1400)

VS

85.2%
Rank: 147
(of 1400)

UserBenchmark — Average: 85.2%
Core i7-10700T
8 core, 16 threads, 35W release dat: Q2'20
intel CORE i7

All CPU references are correct at the time of publishing.

NHS
NHS Supply Chain

intel

24/7

**NON-STOP
HOT-SWAPPABLE
POWER**

STATE-OF-THE-ART TOUCH SCREEN

10-point multi
touch capacitive
type screens as
standard!

CHARGER DOCK *(available separately)*

(p.180/1)

Charge up
to 6 Li-ion
battery packs
simultaneously!

PRODUCT CODE
MT500-24T Battery powered 24in AIO touch screen
medical grade monitor/PC

The Freeway Med-Tech MT500-24T Battery Powered
All-In-One Monitor/PC offers fully mobile computing with
its powerful, hot-swappable rechargeable battery packs.
Options for 1, 2 or 3 Lithium-ion batteries allow for either
an emergency power back up, or totally wire-free operation.
Also features a handy built-in reading light.

DIMENSIONS

Height = **370.9mm**   Width = **564.4mm**   Depth = **41.2mm**

PRODUCT ELEVATIONS

Front   Side

W   D

KEY FEATURES

- Uses up to 3 Lithium-ion batteries for a full shift of
  mobile operation
- No need to be near mains power
- Intel Core-i5/7/9 processors
- Runs Microsoft® Windows® / Linux / Igel
- DC outputs can power PC peripherals and other
  medical equipment
- High contrast 24" capacitive-type touch screen
- Slim fanless design
- UL60601 certified with anti-microbial enclosure
- Withstands common medical environment
  cleaning chemicals*

FREEWAY
Med-Tech

FRONT

REAR

Uses up to 3 Li-ion batteries

100x100 VESA mounting

COMPREHENSIVE I/O†

DC-OUTS (Optional)   DC-IN   COM ports
Audio Jack   Ethernet   HDMI   USB 3.0

†Medical Monitor / AIO enclosure
design and I/O connections are subject
to change without notice. Image may
look different to production models.

Stereo speaker   Reading light   Stereo speaker

**IP65
IPX2**

Water resistant enclosures
The screen and rear enclosure
are IP rated against dust and
moisture ingress, ensuring easy
cleaning and disinfection*.

*See pages 196/7 for detailed information on
cleaning chemicals and procedures.

intel

Choice of processor
Modern Intel® Core-i5/7/9 range
of processors to choose from.

Optional DC-out
Can power PC peripherals and
other medical equipment.

Battery status made easy
Front facing LED battery
indicators offer feedback on the
health of each battery.

Easily hot-swap battery packs in a matter of seconds

Clear battery status LEDs
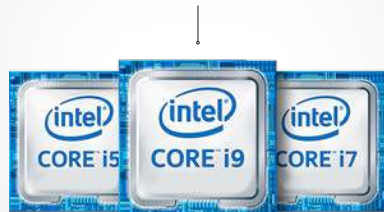
Li-ion

DC-out

Printer

The **OPTIONAL** DC-out can power PC peripherals!

Moisture resistant medical-grade front panel

Choice of processors from the 10th generation Intel Core i range!

(intel) **CORE i5**   (intel) **CORE i9**   (intel) **CORE i7**

A choice of 6 to 10 cores of Intel processing power.

Windows OS

IoT Enterprise version available for pre-install with or without license.

Linux/Igel operating systems can also be installed.

Industry standard OS for medical software and systems.
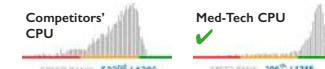
TECHNICAL SPECIFICATIONS

System	
CPU	Intel® Core™ i5-10500T, 2.3 GHz (up to 3.8GHz) - **6 core** Intel® Core™ i7-10700T, 2.0 GHz (up to 4.5GHz) - **8 core** Intel® Core™ i9-10900T, 1.9 GHz (up to 4.6GHz) - **10 core**
RAM	8GB to 64GB
Storage	256Gb to 4TB Flash (mPCIe NVMe type SSD)
Operating System	Microsoft® Windows®/Linux/Igel - specify pre-install if required
Display	23.8in capacitive touch screen
Display resolution	1920x1080
Trusted platform module	TPM 2.0
Reading light	LED reading light × 1
Microphone and speaker	Built-in microphones and speaker
Network Interface	
WLAN	Ethernet 10/100/1000 MB Base-T LAN; Wi-Fi 802.11ax, 2.4GHz/5GHz dual band
Bluetooth	Bluetooth 5.1
I/O Ports	
USB Ports	USB 2.0 × 2 and USB 3.0 × 4
COM Port	2
HDMI-out (1.4a)	1
Audio Jack	1
Ethernet	RJ45 connector for ethernet × 1
DC-in	1
DC-out (optional)	12V × 1, 15V × 1, 19V × 1

Mechanical/Environmental	
Fan/Fanless	Fanless
AC/DC Adaptor	Input: 100 – 240V AC; Output: 19V DC, 6.31A
Battery Pack	MT202 Li-ion battery; 85Wh, 7800mAh × 3 (optional)
Enclosure	ABS + PC plastics, anti-microbial enclosure
Dimensions (H × W × D)	370.9 × 564.4 × 41.2mm
Weight	7.4kg (without battery) - 8.8kg (with 3 batteries)
VESA-compliant mounting	100mm × 100mm VESA standard
Water Resistance	Front panel: IP65; Enclosure: IPX2
Regulatory	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, RCM, CCC
Major options	
Camera	Full-HD front camera
NFC/RFID reader	Dual frequency, reads both 125KHz and 13.56MHz credentials
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0,T=1; 1.8/3/5V smart card

Intel® WiFi Series 6 Module as standard ✔

Optional Imprivata certified RFID reader ✔

Optional HID® Smart Card Reader ✔

Faster processors than our competitors!

Our Intel® Core i5 CPU is effectively 30% faster in real-world benchmark tests.

*Shorter bars are better

| Our Competitors' i5 CPU | |
| Freeway Med-Tech's i5 CPU | ✔ |

Competitors' CPU

Med-Tech CPU ✔

SPEED RANK: 522nd / 1386

SPEED RANK: 206th / 1385

MT500-24T ACCESSORIES *(available separately)*

MT202 Li-ion battery pack

MT202 6-gang battery charger

Choose your performance spec based around the Intel® Pentium™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

MT500-24T with Intel® Pentium™ CPU

23.6in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen Pentium™ processor, medical grade AC/DC adapter.

24in

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-24T-584TP0-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-24T-584TP0-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-24T-584TP0-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

FREEWAY
Med-Tech

Choose your performance spec based around the powerful Intel® i5 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

MT500-24T with Intel® i5 Core™ CPU

23.6in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i5 Core™ processor, medical grade AC/DC adapter.

24in

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-24T-584T50-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-24T-584T50-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-24T-584T50-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

FREEWAY
Med-Tech

Choose your performance spec based around the powerful Intel® i7 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

24in

MT500-24T with Intel® i7 Core™ CPU

23.6in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i7 Core™ processor, medical grade AC/DC adapter. Supplied with 3 x MT202 Batteries.

(intel) CORE i7 10TH GEN

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-24T-584T70-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-24T-584T70-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-24T-584T70-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

Choose your performance spec based around the powerful Intel® i9 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

24in

MT500-24T with Intel® i9 Core™ CPU

23.6in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i9 Core™ processor, medical grade AC/DC adapter. Supplied with 3 x MT202 Batteries.
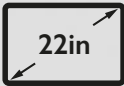
(intel) CORE i9 10TH GEN

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-24T-584T90-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-24T-584T90-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-24T-584T90-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

FREEWAY
Med-Tech

MEDICAL AIO

BATTERY POWERED / 22IN

22in

NHS Supply Chain

STATE-OF-THE-ART TOUCH SCREEN

10-point multi touch capacitive type screens as standard!

CHARGER DOCK (available separately)

(p.180/1)

Charge up to 6 Li-ion battery packs simultaneously!

24/7

NON-STOP HOT-SWAPPABLE POWER

PRODUCT CODE

**MT500-22T** Battery powered 22in AIO touch screen medical grade monitor/PC

The Freeway Med-Tech MT500-22T Battery Powered All-In-One Monitor/PC offers fully mobile computing with its powerful, hot-swappable rechargeable battery packs. Options for 1, 2 or 3 Lithium-ion batteries allow for either an emergency power back up, or totally wire-free operation. Also features a handy built-in reading light.

DIMENSIONS

Height = **345.9mm**   Width = **516.9mm**   Depth = **40.4mm**

PRODUCT ELEVATIONS
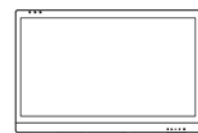
Front   Side

W   **D**

H

KEY FEATURES

- Uses up to 3 Lithium-ion batteries for a full shift of mobile operation
- No need to be near mains power
- Intel Core-i5/7/9 processors
- Runs Microsoft® Windows® / Linux / Igel
- DC outputs can power PC peripherals and other medical equipment
- High contrast 22" capacitive-type touch screen
- Slim fanless design
- UL60601 certified with anti-microbial enclosure
- Withstands common medical environment cleaning chemicals*

FREEWAY Med-Tech

FRONT

TOUCH SCREEN

REAR

Uses up to 3 Li-ion batteries

100x100 VESA mounting

COMPREHENSIVE I/O†

DC-OUTS (Optional)   DC-IN   COM ports
Audio Jack   Ethernet   HDMI   USB 3.0

†Medical Monitor / AIO enclosure design and I/O connections are subject to change without notice. Image may look different to production models.

Stereo speaker   Reading light   Stereo speaker

IP65 IPX2

Water resistant enclosures
The screen and rear enclosure are IP rated against dust and moisture ingress, ensuring easy cleaning and disinfection*.

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

intel

Choice of processor
Modern Intel® Core-i7/9 range of processors to choose from.

Optional DC-out
Can power PC peripherals and other medical equipment.

Battery status made easy
Front facing LED battery indicators offer feedback on the health of each battery.

Easily hot-swap battery packs in a matter of seconds

Clear battery status LEDs

Li-ion

DC-out

Printer

The **OPTIONAL** DC-out can power PC peripherals!

Moisture resistant medical-grade front panel

Choice of processors from the 10th generation Intel Core i range!

intel CORE i5 **intel CORE i9** **intel CORE i7**

A choice of 6 to 10 cores of Intel processing power.

Windows OS

IoT Enterprise version available for pre-install with or without license.

Linux/Igel operating systems can also be installed.

Industry standard OS for medical software and systems.

TECHNICAL SPECIFICATIONS

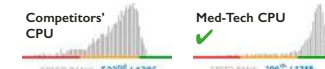| System	
CPU	Intel® Core™ i5-10500T, 2.3 GHz (up to 3.8GHz) - **6 core** Intel® Core™ i7-10700T, 2.0 GHz (up to 4.5GHz) - **8 core** Intel® Core™ i9-10900T, 1.9 GHz (up to 4.6GHz) - **10 core**
RAM	8GB to 64GB
Storage	256Gb to 4TB Flash (mPCIe NVMe type SSD)
Operating System	Microsoft® Windows®/Linux/Igel - specify pre-install if required
Display	21.5in capacitive touch screen
Display resolution	1920x1080
Trusted platform module	TPM 2.0
Reading light	LED reading light × 1
Microphone and speaker	Built-in microphones and speaker
Network Interface	
WLAN	Ethernet 10/100/1000 MB Base-T LAN; Wi-Fi 802.11ax, 2.4GHz/5GHz dual band
Bluetooth	Bluetooth 5.1
I/O Ports	
USB Ports	USB 2.0 × 2 and USB 3.0 × 4
COM Port	2
HDMI-out (1.4a)	1
Audio Jack	1
Ethernet	RJ45 connector for ethernet × 1
DC-in	1
DC-out (optional)	12V × 1, 15V × 1, 19V × 1

Mechanical/Environmental	
Fan/Fanless	Fanless
AC/DC Adaptor	Input: 100 – 240V AC; Output: 19V DC, 6.31A
Battery Pack	MT202 Li-ion battery; 85Wh, 7800mAh × 3 (optional)
Enclosure	ABS + PC plastics, anti-microbial enclosure
Dimensions (H × W × D)	345.9 × 516.9 × 40.4mm
Weight	7.3kg (without battery) - 8.7kg (with 3 batteries)
VESA-compliant mounting	100mm × 100mm VESA standard
Water Resistance	Front panel: IP65; Enclosure: IPX2
Regulatory	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, RCM, CCC
Major options	
Camera	Full-HD front camera
NFC/RFID reader	Dual frequency, reads both 125KHz and 13.56MHz credentials
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0,T=1; 1.8/3/5V smart card

Intel® WiFi Series 6 Module as standard ✔

Optional Imprivata certified RFID reader ✔
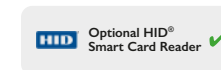
Optional HID® Smart Card Reader ✔

Faster processors than our competitors!

Our Intel® Core i5 CPU is effectively 30% faster in real-world benchmark tests.

*Shorter bars are better

Our Competitors' i5 CPU

Freeway Med-Tech's i5 CPU ✔

Competitors' CPU

Med-Tech CPU ✔

SPEED RANK: 522ⁿᵈ / 1386

SPEED RANK: 206ᵗʰ / 1385

MT500-22T ACCESSORIES *(available separately)*

MT202 Li-ion battery pack

MT202 6-gang battery charger

FREEWAY
Med-Tech

Choose your performance spec based around the Intel® Pentium™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠️ **Please quote the correct part number opposite when ordering as all units are custom built.**

22in

MT500-22T with Intel® Pentium™ CPU

21.5in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen Pentium™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-22T-582TP0-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-22T-582TP0-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-22T-582TP0-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

Choose your performance spec based around the powerful Intel® i5 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠️ **Please quote the correct part number opposite when ordering as all units are custom built.**

22in

MT500-22T with Intel® i5 Core™ CPU

21.5in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i5 Core™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-22T-582T50-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-22T-582T50-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-22T-582T50-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

Choose your performance spec based around the powerful Intel® i7 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

22in

MT500-22T with Intel® i7 Core™ CPU

21.5in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i7 Core™ processor, medical grade AC/DC adapter. Supplied with 3 x MT202 Batteries.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-22T-582T70-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-22T-582T70-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-22T-582T70-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

FREEWAY Med-Tech

Choose your performance spec based around the powerful Intel® i9 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

22in

MT500-22T with Intel® i9 Core™ CPU

21.5in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i9 Core™ processor, medical grade AC/DC adapter. Supplied with 3 x MT202 Batteries.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-22T-582T90-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-22T-582T90-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-22T-582T90-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

FREEWAY
Med-Tech

MEDICAL AIO

BATTERY POWERED / 20IN

NHS
NHS Supply Chain

intel

24/7
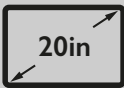
NON-STOP HOT-SWAPPABLE POWER

STATE-OF-THE-ART TOUCH SCREEN

10-point multi touch capacitive type screens as standard!

CHARGER DOCK *(available separately)*

(p.180/1)

Charge up to 6 Li-ion battery packs simultaneously!

PRODUCT CODE
MT500-20T Battery powered 20in AIO touch screen medical grade monitor/PC

The Freeway Med-Tech MT500-20T Battery Powered All-In-One Monitor/PC offers fully mobile computing with its powerful, hot-swappable rechargeable battery packs. Options for 1 or 2 Lithium-ion batteries allow for either an emergency power back up, or totally wire-free operation. Also features a handy built-in reading light.

DIMENSIONS
Height = **295mm**   Width = **480mm**   Depth = **40.6mm**

PRODUCT ELEVATIONS

Front   Side

H

W   D

KEY FEATURES

• Uses up to 2 Lithium-ion batteries for a full shift of mobile operation
• No need to be near mains power
• Intel Core-i5 and Core-i7 processors
• Runs Microsoft® Windows® / Linux / Igel
• High contrast 20'' capacitive-type touch screen
• Slim fanless design
• UL60601 certified with anti-microbial enclosure
• Withstands common medical environment cleaning chemicals*

FREEWAY
Med-Tech

FRONT

TOUCH SCREEN

REAR

Uses up to 2 Li-ion batteries

100x100 VESA mounting
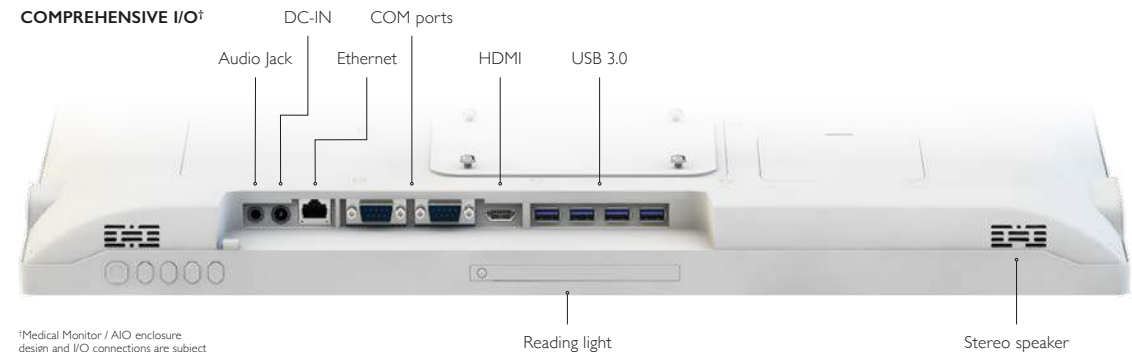
COMPREHENSIVE I/O†

DC-IN   COM ports

Audio Jack   Ethernet   HDMI   USB 3.0

†Medical Monitor / AIO enclosure design and I/O connections are subject to change without notice. Image may look different to production models.

Reading light   Stereo speaker

IP65 IPX2

Water resistant enclosures
The screen and rear enclosure are IP rated against dust and moisture ingress, ensuring easy cleaning and disinfection*.

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

intel

Choice of processor
Modern Intel® Core-i7/9 range of processors to choose from.

Battery status made easy
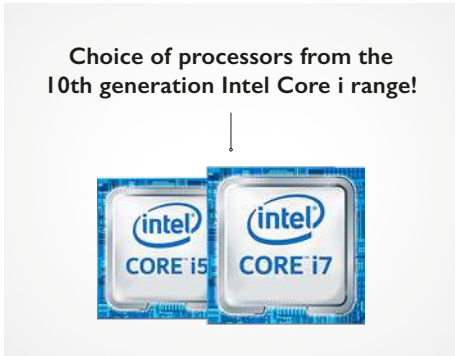Front facing LED battery indicators offer feedback on the health of each battery.

FREEWAY
Med-Tech

Easily hot-swap battery packs in a matter of seconds

Clear battery status LEDs

With Anti-Microbial Coating

Untreated surface
Harmful bacteria clings to the surface*

Anti-microbial enclosure resists bacteria transmission

Moisture resistant medical-grade front panel

Choice of processors from the 10th generation Intel Core i range!

A choice of 6 to 8 cores of Intel® processing power.

Windows OS
IoT Enterprise version available for pre-install with or without license.

Linux/Igel operating systems can also be installed.

Industry standard OS for medical software and systems.

*For illustrative purposes only. Bacteria cannot be seen with the naked eye.

TECHNICAL SPECIFICATIONS

System	
CPU	Intel® Core™ i5-10500T, 2.3 GHz (up to 3.8GHz) - **6 core** / Intel® Core™ i7-10700T, 2.0 GHz (up to 4.5GHz) - **8 core**
RAM	8GB to 32GB
Storage	64Gb to 2TB Flash (mPCIe NVMe type SSD)
Operating System	Microsoft® Windows®/Linux/Igel - specify pre-install if required
Display	19.5in capacitive touch screen
Display resolution	1920x1080
Trusted platform module	TPM 2.0
Reading light	LED reading light × 1
Microphone and speaker	Built-in microphones and speaker

Network Interface	
WLAN	Ethernet 10/100/1000 MB Base-T LAN; Wi-Fi 802.11ax, 2.4GHz/5GHz dual band
Bluetooth	Bluetooth 5.1

I/O Ports	
USB Ports	USB 3.0 × 4 and USB 2.0 × 2
COM Port	2
HDMI-out (1.4a)	1
Audio Jack	1
Ethernet	RJ45 connector for ethernet × 1
DC-in	1
DC-out (optional)	N/A

Mechanical/Environmental	
Fan/Fanless	Fanless
AC/DC Adaptor	Input: 100 – 240V AC; Output: 19V DC, 6.31A
Battery Pack	MT202 Li-ion battery; 90Wh, 8250mAh × 2 (optional)
Enclosure	ABS + PC plastics, anti-microbial enclosure
Dimensions (H x W x D)	295 × 480 × 40.6 mm
Weight	4.72kg (without battery) - 5.72kg (with 2 batteries)
VESA-compliant mounting	100mm × 100mm VESA standard
Water Resistance	Front panel: IP65; Enclosure: IPX2
Regulatory	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, RCM, CCC

Major options	
Camera	5 megapixel front camera
NFC/RFID reader	N/A
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card

Intel® WiFi Series 6 Module as standard ✔

Optional HID® Smart Card Reader ✔

Faster processors than our competitors!
Our Intel® Core i5 CPU is effectively 30% faster in real-world benchmark tests.

*Shorter bars are better

| Our Competitors' i5 CPU | |
| Freeway Med-Tech's i5 CPU | ✔ |

Competitors' CPU ✔
SPEED RANK: 522nd / 1386

Med-Tech CPU ✔
SPEED RANK: 206th / 1385

MT500-20T ACCESSORIES *(available separately)*

MT202 Li-ion battery pack

MT202 6-gang battery charger

CALL US NOW FOR MORE INFO ON 01635 866717 OR EMAIL SALES@FREEWAYMEDTECH.COM

Choose your performance spec based around the Intel® Pentium™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

20in

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

MT500-20T with Intel® Pentium™ CPU

19.5in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen Pentium™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-20T-581TP0-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-20T-581TP0-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-20T-581TP0-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

Choose your performance spec based around the powerful Intel® i5 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

20in

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

MT500-20T with Intel® i5 Core™ CPU

19.5in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i5 Core™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-20T-581T50-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-20T-581T50-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-20T-581T50-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

FREEWAY Med-Tech

Choose your performance spec based around the powerful Intel® i7 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**
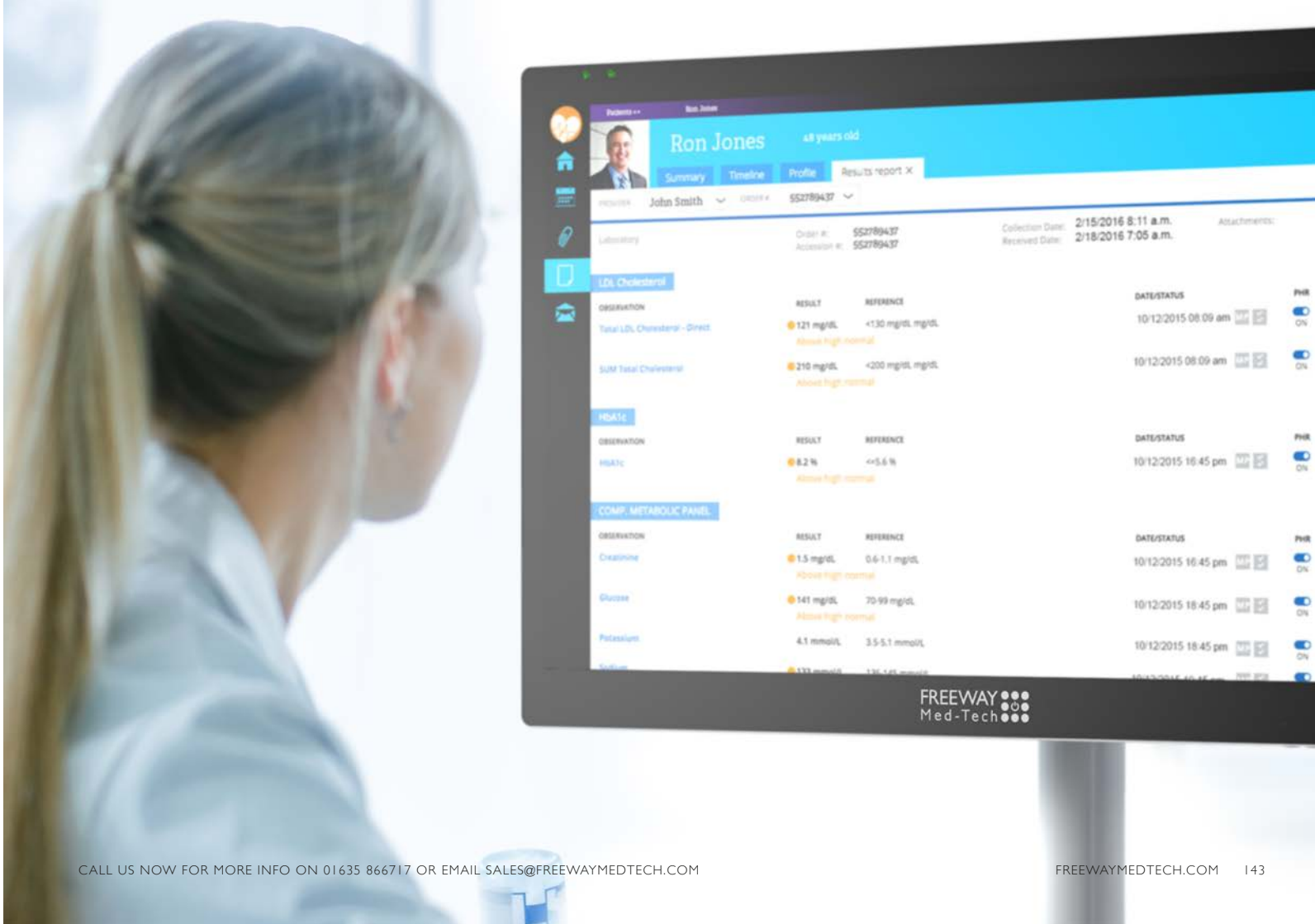
MT500-20T with Intel® i7 Core™ CPU

19.5in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i7 Core™ processor, medical grade AC/DC adapter. Supplied with 2 x MT202 Batteries.

20in

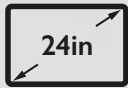| Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT500-20T-581T70-X-495	Specify when ordering	256GB	8GB	12 months	60 months
MT500-20T-581T70-X-595	Specify when ordering	256GB	16GB	12 months	60 months
MT500-20T-581T70-X-5A5	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.
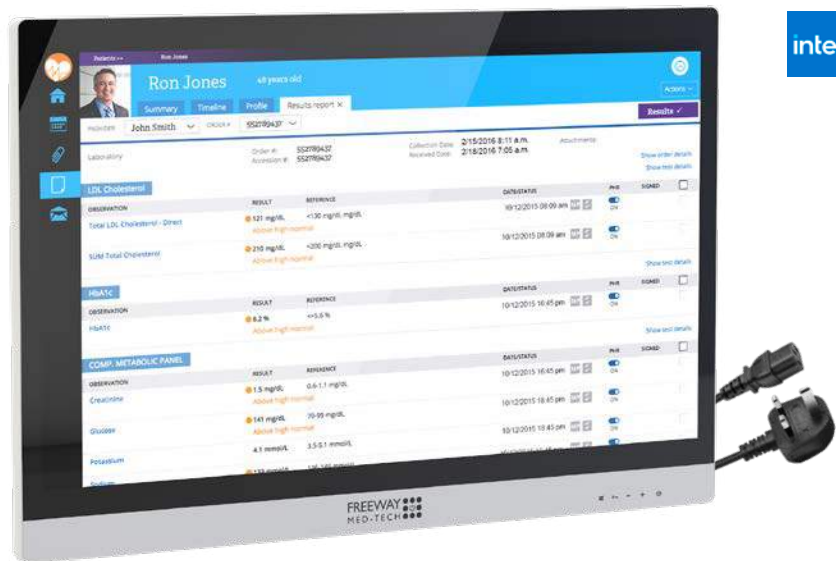
FREEWAY
Med-Tech

MEDICAL AIO

MAINS POWERED / 24IN

24in

NHS Supply Chain

STATE-OF-THE-ART TOUCH SCREEN

10-point multi touch capacitive type screens as standard!

MAINS POWERED *(iWOW required to be plugged-in)*

PRODUCT CODE
MT400-24T Mains powered 24in AIO touch screen medical grade PC

The Freeway Med-Tech MT400-24T Mains Powered All-In-One Monitor/PC offers the same technical specification and features as our battery powered AIO model, just with the need for a permanent 240V mains supply. For use where an iWOW will be predominately used in a fixed location.

DIMENSIONS
Height = **370.9mm**   Width = **564.4mm**   Depth = **41.2mm**

PRODUCT ELEVATIONS

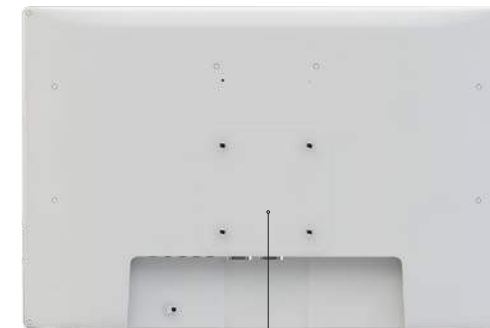Front   Side

KEY FEATURES

• Intel Core-i5/7/9 processors
• Runs Microsoft® Windows® / Linux / Igel
• High contrast 24" capacitive-type touch screen
• Slim fanless design
• UL60601 certified with anti-microbial enclosure
• Withstands common medical environment cleaning chemicals*

FREEWAY Med-Tech

FRONT

REAR

100x100 VESA mounting

COMPREHENSIVE I/O†

HDMI   Ethernet
DC-IN   USB 3.0   USB 2.0   COM ports

†Medical Monitor / AIO enclosure design and I/O connections are subject to change without notice. Image may look different to production models.

Stereo speaker   Headphone out   Stereo speaker

IP65 IPX2

Water resistant enclosures
The screen and rear enclosure are IP rated against dust and moisture ingress, ensuring easy cleaning and disinfection*.

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

Choice of processor
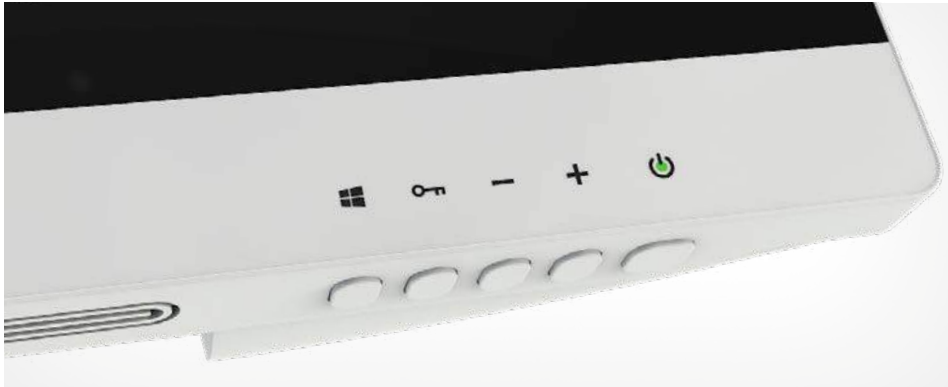Modern Intel Core-i5/7/9 range of processors to choose from.

Mains powered
Requires a permanent 240V mains outlet for use.

With Anti-Microbial Coating

Untreated surface
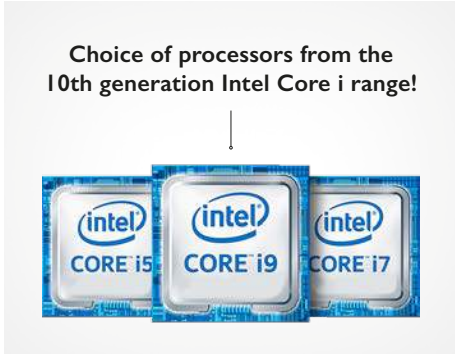Harmful bacteria clings to the surface*

Anti-microbial enclosure resists bacteria transmission

Built-in speakers and clear easy-to-use function buttons located on the underside of the monitor

Choice of processors from the 10th generation Intel Core i range!

Windows OS
IoT Enterprise version available for pre-install with or without license.

Linux/Igel operating systems can also be installed.

Moisture resistant medical-grade front panel

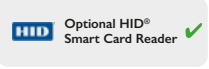A choice of 6 to 10 cores of Intel processing power.

Industry standard OS for medical software and systems.

*For illustrative purposes only. Bacteria cannot be seen with the naked eye.

TECHNICAL SPECIFICATIONS

System	
CPU	Intel® Core™ i5-10500T, 2.3 GHz (up to 3.8GHz) - **6 core** Intel® Core™ i7-10700T, 2.0 GHz (up to 4.5GHz) - **8 core** Intel® Core™ i9-10900T, 1.9 GHz (up to 4.6GHz) - **10 core**
RAM	8GB to 64GB
Storage	256Gb to 4TB Flash (mPCIe NVMe type SSD)
Operating System	Microsoft® Windows®/Linux/Igel - specify pre-install if required
Display	23.8in capacitive touch screen
Display resolution	1920x1080
Trusted platform module	TPM 2.0
Battery Pack	Optional integrated UPS battery × 1
Buttons	1 power and 4 programmable buttons
Microphone and speaker	Built-in microphones and speaker
Network Interface	
WLAN	Wi-Fi 802.11ax, 2.4GHz/5GHz dual band
Bluetooth	Bluetooth 5.1 LE
I/O Ports	
USB Ports	USB 3.0 × 4 (ESD protection: ±17KV by air, ±12KV by contact) USB 2.0 × 2 (ESD protection: ±18KV by air, ±12KV by contact)
COM Port	3
HDMI-out (1.4a)	1 (ESD protection: ±17KV by air, ±12KV by contact)
Audio Jack	1
Ethernet	RJ45 connector × 2 (ESD protection: ±30KV by air, ±30KV by contact)
DC-in	1
Potential Equalization Conductor	1 (optional)

Mechanical/Environmental	
Fan/Fanless	Fanless
AC/DC Adaptor	Input: 100 – 240V AC; Output: 19V DC, 6.31A
Enclosure	Aluminum alloy, antimicrobial enclosure
Dimensions (H × W × D)	370.9 × 564.4 × 41.2mm
Weight	8kg
VESA-compliant mounting	100mm × 100mm VESA standard
Water Resistance	Front panel: IP65; Enclosure: IPX2
Regulatory	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, Energy Star 8.0, RCM, CCC
Major options	
Camera	Full-HD front camera
NFC/RFID reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1, or dual frequency, reads both 125KHz and 13.56MHz credentials
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card

Intel® WiFi Series 6 Module as standard ✔

Optional Imprivata certified RFID reader ✔

Optional HID® Smart Card Reader ✔

Faster processors than our competitors!
Our Intel® Core i5 CPU is effectively 30% faster in real-world benchmark tests.

*Shorter bars are better

| Our Competitors' i5 CPU |
| Freeway Med-Tech's i5 CPU ✔ |

Competitors' CPU

Med-Tech CPU ✔

SPEED RANK **522nd / 1386**   SPEED RANK **206th / 1385**

Choose your performance spec based around the Intel® Pentium™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

MT400-24T with Intel® Pentium™ CPU

23.6in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen Pentium™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT400-24T-504TP-X-**C495**	Specify when ordering	256GB	8GB	12 months	60 months
MT400-24T-504TP-X-**C595**	Specify when ordering	256GB	16GB	12 months	60 months
MT400-24T-504TP-X-**C5A5**	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

Choose your performance spec based around the powerful Intel® i5 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

MT400-24T with Intel® i5 Core™ CPU

23.6in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i5 Core™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT400-24T-504T5-X-**C495**	Specify when ordering	256GB	8GB	12 months	60 months
MT400-24T-504T5-X-**C595**	Specify when ordering	256GB	16GB	12 months	60 months
MT400-24T-504T5-X-**C5A5**	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

FREEWAY
Med-Tech

Choose your performance spec based around the powerful Intel® i7 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ Please quote the correct part number opposite when ordering as all units are custom built.

MT400-24T with Intel® i7 Core™ CPU

23.6in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i7 Core™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT400-24T-504T7-X-**C495**	Specify when ordering	256GB	8GB	12 months	60 months
MT400-24T-504T7-X-**C595**	Specify when ordering	256GB	16GB	12 months	60 months
MT400-24T-504T7-X-**C5A5**	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

Choose your performance spec based around the powerful Intel® i9 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ Please quote the correct part number opposite when ordering as all units are custom built.

MT400-24T with Intel® i9 Core™ CPU

23.6in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i9 Core™ processor, medical grade AC/DC adapter.
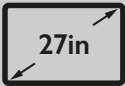
Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT400-24T-504T9-X-**C495**	Specify when ordering	256GB	8GB	12 months	60 months
MT400-24T-504T9-X-**C595**	Specify when ordering	256GB	16GB	12 months	60 months
MT400-24T-504T9-X-**C5A5**	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.
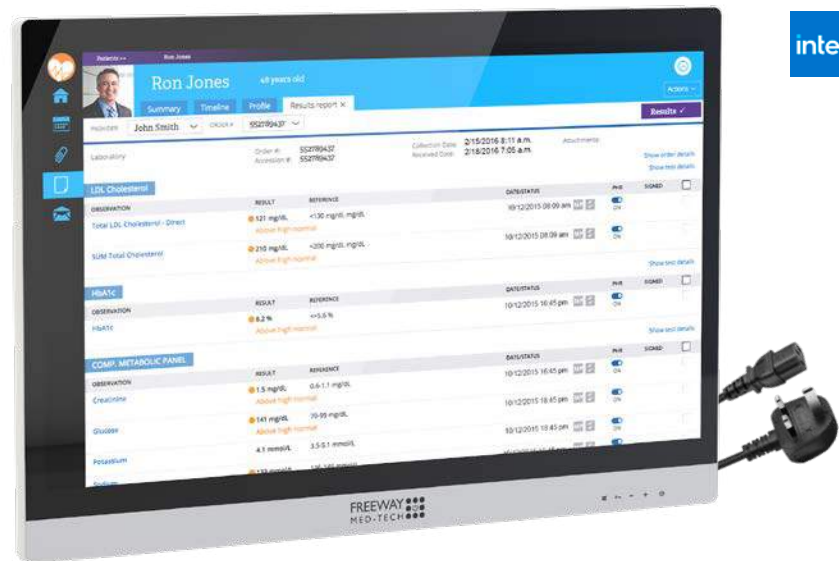
FREEWAY
Med-Tech

MEDICAL AIO

MAINS POWERED / 27IN

STATE-OF-THE-ART TOUCH SCREEN

10-point multi touch capacitive type screens as standard!

MAINS POWERED *(iWOW required to be plugged-in)*

PRODUCT CODE

MT400-27T Mains powered 27in AIO touch screen medical grade PC

The Freeway Med-Tech MT400-27T Mains Powered All-In-One Monitor/PC offers the same technical specification and features as our battery powered AIO model, just with the need for a permanent 240V mains supply. For use where an iWOW will be predominately used in a fixed location.

DIMENSIONS

Height = **411.8mm**   Width = **639.1mm**   Depth = **45mm**

PRODUCT ELEVATIONS

Front   Side

KEY FEATURES

- Intel Core-i5/7/9 processors
- Runs Microsoft® Windows® / Linux / Igel
- High contrast 27" capacitive-type touch screen
- Slim fanless design
- UL60601 certified with anti-microbial enclosure
- Withstands common medical environment cleaning chemicals*

FRONT

REAR

100x100 VESA mounting

COMPREHENSIVE I/O†

HDMI   Ethernet

DC-IN   USB 3.0   USB 2.0   COM ports

†Medical Monitor / AIO enclosure design and I/O connections are subject to change without notice. Image may look different to production models.

Stereo speaker   Headphone out   Stereo speaker

IP65 IPX2

Water resistant enclosures
The screen and rear enclosure are IP rated against dust and moisture ingress, ensuring easy cleaning and disinfection*.

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

Choice of processor
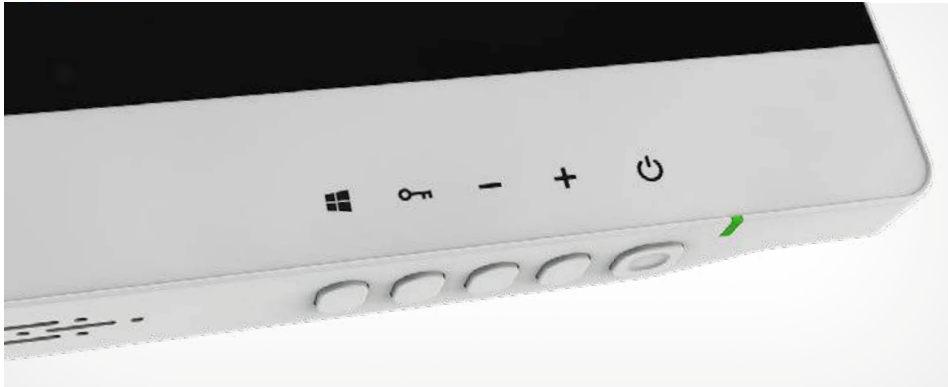Modern Intel Core-i5/7/9 range of processors to choose from.

Mains powered
Requires a permanent 240V mains outlet for use.

With Anti-Microbial Coating

Untreated surface
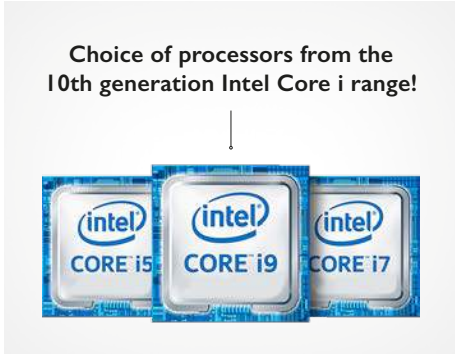Harmful bacteria clings to the surface*

Anti-microbial enclosure resists bacteria transmission

Built-in speakers and clear easy-to-use function buttons located on the underside of the monitor

Moisture resistant medical-grade front panel

Choice of processors from the 10th generation Intel Core i range!

A choice of 6 to 10 cores of Intel processing power.

Windows OS
IoT Enterprise version available for pre-install with or without license.

Linux/Igel operating systems can also be installed.

Industry standard OS for medical software and systems.

*For illustrative purposes only. Bacteria cannot be seen with the naked eye.

TECHNICAL SPECIFICATIONS

System	
CPU	Intel® Core™ i5-10500T, 2.3 GHz (up to 3.8GHz) - **6 core** Intel® Core™ i7-10700T, 2.0 GHz (up to 4.5GHz) - **8 core** Intel® Core™ i9-10900T, 1.9 GHz (up to 4.6GHz) - **10 core**
RAM	8GB to 64GB
Storage	256Gb to 4TB Flash (mPCIe NVMe type SSD)
Operating System	Microsoft® Windows®/Linux/Igel - specify pre-install if required
Display	27in capacitive touch screen
Display resolution	1920x1080 (optional 3840x2160)
Trusted platform module	TPM 2.0
Battery Pack	Optional integrated UPS battery x 1
Buttons	1 power and 4 programmable buttons
Microphone and speaker	Built-in microphones and speaker
Network Interface	
WLAN	Wi-Fi 802.11ax, 2.4GHz/5GHz dual band
Bluetooth	Bluetooth 5.1 LE
I/O Ports	
USB Ports	USB 3.0 x 4 (ESD protection: ±17KV by air, ±12KV by contact) USB 2.0 x 2 (ESD protection: ±18KV by air, ±12KV by contact)
COM Port	3
HDMI-out (1.4a)	1 (ESD protection: ±17KV by air, ±12KV by contact)
Audio Jack	1
Ethernet	RJ45 connector x 2 (ESD protection: ±30KV by air, ±30KV by contact)
DC-in	1
Potential Equalization Conductor	1 (optional)

Mechanical/Environmental	
Fan/Fanless	Fanless
AC/DC Adaptor	Input: 100 – 240V AC; Output: 19V DC, 6.31A
Enclosure	Aluminum alloy, antimicrobial enclosure
Dimensions (H x W x D)	411.8 x 639.1 x 45mm
Weight	10.5kg
VESA-compliant mounting	100mm × 100mm VESA standard
Water Resistance	Front panel: IP65; Enclosure: IPX2
Regulatory	ANSI/AAMI ES60601-1, IEC60601-1, IEC60601-1-2, FCC Part 18, FCC Part 15 Class B, GB 17625.1, GB 4943.1, GB/T 9254, CE-EMC, CE-RED, Energy Star 8.0, RCM, CCC
Major options	
Camera	Full-HD front camera
NFC/RFID reader	HF 13.56MHz, ISO standard 15693, 14443A(B) & 18000-3 mode-1, or dual frequency, reads both 125KHz and 13.56MHz credentials
Smart Card/CAC Reader	Full-slot, reads ISO 7816 T=0, T=1; 1.8/3/5V smart card

Intel® WiFi Series 6 Module as standard ✔

Optional Imprivata certified RFID reader ✔

Optional HID® Smart Card Reader ✔

Faster processors than our competitors!
Our Intel® Core i5 CPU is effectively 30% faster in real-world benchmark tests.

*Shorter bars are better

Our Competitors' i5 CPU

Freeway Med-Tech's i5 CPU ✔

Competitors' CPU

Med-Tech CPU ✔

SPEED RANK 522nd / 1386   SPEED RANK 206th / 1385

Choose your performance spec based around the Intel® Pentium™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

27in

MT400-27T with Intel® Pentium™ CPU

27in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen Pentium™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT400-27T-507TP-X-**C495**	Specify when ordering	256GB	8GB	12 months	60 months
MT400-27T-507TP-X-**C595**	Specify when ordering	256GB	16GB	12 months	60 months
MT400-27T-507TP-X-**C5A5**	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

FREEWAY Med-Tech

Choose your performance spec based around the powerful Intel® i5 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

27in

MT400-27T with Intel® i5 Core™ CPU

27in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i5 Core™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT400-27T-507T5-X-**C495**	Specify when ordering	256GB	8GB	12 months	60 months
MT400-27T-507T5-X-**C595**	Specify when ordering	256GB	16GB	12 months	60 months
MT400-27T-507T5-X-**C5A5**	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

FREEWAY
Med-Tech

Left Column (i7)

Choose your performance spec based around the powerful Intel® i7 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

27in

MT400-27T with Intel® i7 Core™ CPU

27in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i7 Core™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT400-27T-507T7-X-**C495**	Specify when ordering	256GB	8GB	12 months	60 months
MT400-27T-507T7-X-**C595**	Specify when ordering	256GB	16GB	12 months	60 months
MT400-27T-507T7-X-**C5A5**	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

Right Column (i9)

Choose your performance spec based around the powerful Intel® i9 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech AIO monitor/PC is pre-installed with an OS ready to enter your license details.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 48 months to 5 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

27in

MT400-27T with Intel® i9 Core™ CPU

27in Medical Cart Computer with capacitive touch LCD, Intel® 10th Gen i9 Core™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT400-27T-507T9-X-**C495**	Specify when ordering	256GB	8GB	12 months	60 months
MT400-27T-507T9-X-**C595**	Specify when ordering	256GB	16GB	12 months	60 months
MT400-27T-507T9-X-**C5A5**	Specify when ordering	512GB	16GB	12 months	60 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 48 month extension on top of the standard 12 months offered, to provide 60 months from date of first purchase.

MEDICAL TABLET

BATTERY POWERED / 13IN

13in

*Removable magnetic backlit
keyboard available separately.

NHS Supply Chain

BACKLIT KEYBOARD *(available separately)*

(p.170/1)

DESKTOP CRADLE *(available separately)*

(p.172/3)

Dock the tablet to utilise full-size monitors and keyboards!

NON-STOP HOT-SWAPPABLE POWER

24/7

PRODUCT CODE

MT300-13T Rugged 2 in 1 Battery powered 13in medical tablet PC

The Freeway Med-Tech Medical Tablet features a brilliant 13.3'' capacitive touch screen and a 11th generation Intel® Core™ i series processor within a slim, durable package. With built-in front/back cameras and Wi-Fi as well as optional barcode scanner, this robust tablet offers health professionals an effective tool to monitor, record and retrieve patient information.

DIMENSIONS

Height = **256mm**   Width = **335mm**   Depth = **21mm**

PRODUCT ELEVATIONS

Front   Side   Rear Stand

H

W   D

KEY FEATURES

- 13.3in Full HD LCD display with capacitive touch and support for optional digital pen
- 11th generation Intel® Core™ i series processors
- Windows® 10 IoT Enterprise operating system
- Built-in front and back cameras
- Optional built-in 2D barcode scanner
- High capacity hot-swappable battery pack
- Foldable tabletop stand and optional integrated handle
- UL60601 certified with anti-microbial enclosure
- Withstands common medical environment cleaning chemicals"

FRONT   **REAR**

Removable silicone hand strap (optional)

COMPREHENSIVE I/O†

Battery status   3 × user programmable buttons   HDMI   Ethernet

Audio/Mic port   USB 3.0 ×1
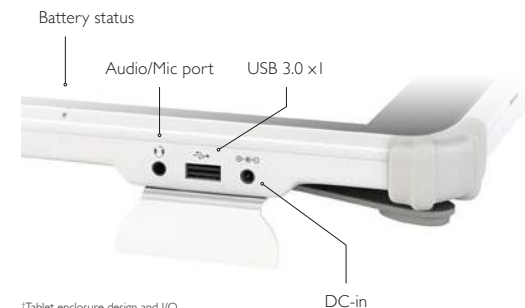
†Tablet enclosure design and I/O
connections are subject to change
without notice.
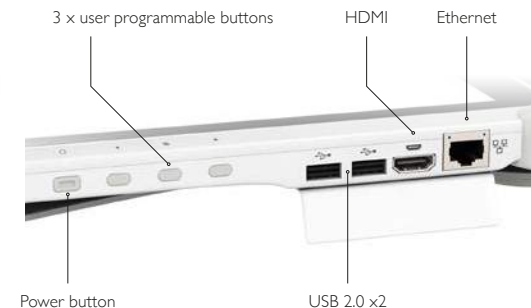
DC-in   Power button   USB 2.0 ×2

Front and back cameras
Full-HD front camera and 8 megapixel back camera!

Barcode scanning
Optional built-in 2D scanner available when ordering (also reads 1D).
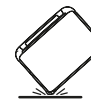
Rugged protection
Corner bumpers help eliminate unwanted accidental damage.

Powerful Intel® Core i
11th generation quad core i5 and i7 processor options in a tablet!

Handy stand enables laptop type use with removable keyboard

With Anti-Microbial Coating

Untreated surface
Harmful bacteria clings to the surface*

Anti-microbial enclosure resists bacteria transmission

The latest 11th generation Intel® Core i processors and Intel® iRIS xe graphics. In a Tablet!

A choice of Intel's latest 11th gen processing power.

User-programmable buttons
Quick one-touch operation - an example would be Privacy setup, where the screen could be immediately switched off via a single button press.

Physical buttons that are user-programmable for quick actions.

Windows 10 OS
IoT Enterprise version comes pre-installed with license included.

Also available without license.

Industry standard OS for medical software and systems.

*For illustrative purposes only. Bacteria cannot be seen with the naked eye.

TECHNICAL SPECIFICATIONS

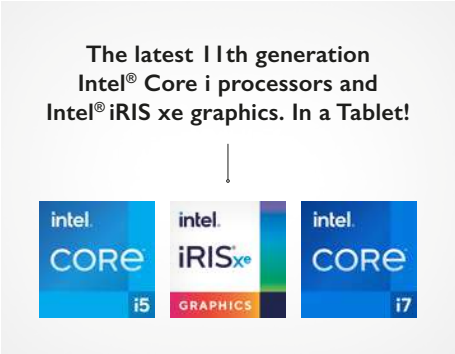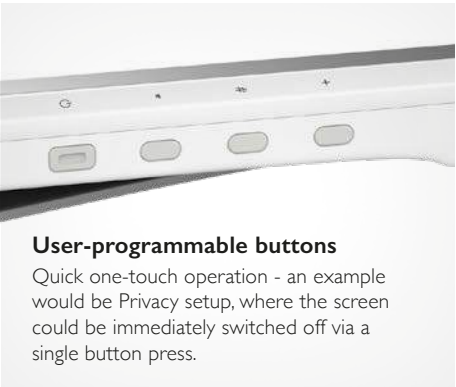| System	
CPU	Intel® CoreTM i5-1135G7, up to 4.2GHz - **4 core** Intel® CoreTM i7-1165G7, up to 4.7GHz - **4 core**
RAM	8GB to 32GB
Storage	256Gb to 2TB Flash
Operating System	Microsoft® Windows® 10 IoT Enterprise or Ubuntu
Display	13.3in high brightness capacitive touch screen
Display resolution	1920x1080
Camera	Full-HD front camera and 8 megapixel back camera
Microphone and speaker	Built-in microphone and speaker
Network Interface	
WLAN	Wi-Fi 802.11ax, 2.4GHz/5GHz dual band
I/O Ports	
USB Ports	USB 3.0 × 1, USB 2.0 × 2
HDMI-out	1
Headset Jack	1 (3.5mm)
Ethernet	RJ45 connector for ethernet × 1
DC-in	1

Mechanical/Environmental	
Fan/Fanless	Fanless
AC/DC Adaptor	Input: 100 – 240V AC; Output: 19V DC, 3.42A
Battery Pack	Hot swappable battery, 5400mAh
Enclosure	ABS + PC plastics and magnesium-aluminum alloy; antimicrobial enclosure
Dimensions (H × W × D)	256 × 335 × 21 mm
Weight	1.8kg
Regulatory	FCC/IC, CE/CB, RCM, CCC, ANSI/AAMI ES60601-1
Major options	
Barcode Scanner	2D scanner, reads 1D also

RELATED PRODUCT

(p.86-91)

iWOW® Duo
Tablet docking cart

MT300-13T ACCESSORIES *(available separately)*

Digital Pen

Soft silicone handstrap

Li-ion battery pack

6-gang battery charger

FREEWAY Med-Tech

IS IT REALLY A TABLET?

Time to re-think...

Most assume that a tablet is an add-on, an extra, but not a replacement for a laptop or desktop PC. Well, think again.

The MT300-I3T is as powerful as the latest laptops and when combined with the desktop cradle, a match for most standalone PCs!

- **Powerful 11th gen Intel® Core i processors**
- **The latest Intel® on-chip graphics - iRIS Xe**
- **Comprehensive I/O**
- **Runs as a dual or an extended screen setup when mounted in the optional desktop cradle**

*See pages 192/3 for more detailed information on the desktop tablet cradle.

The portability of a tablet, the power of the latest laptop technology!
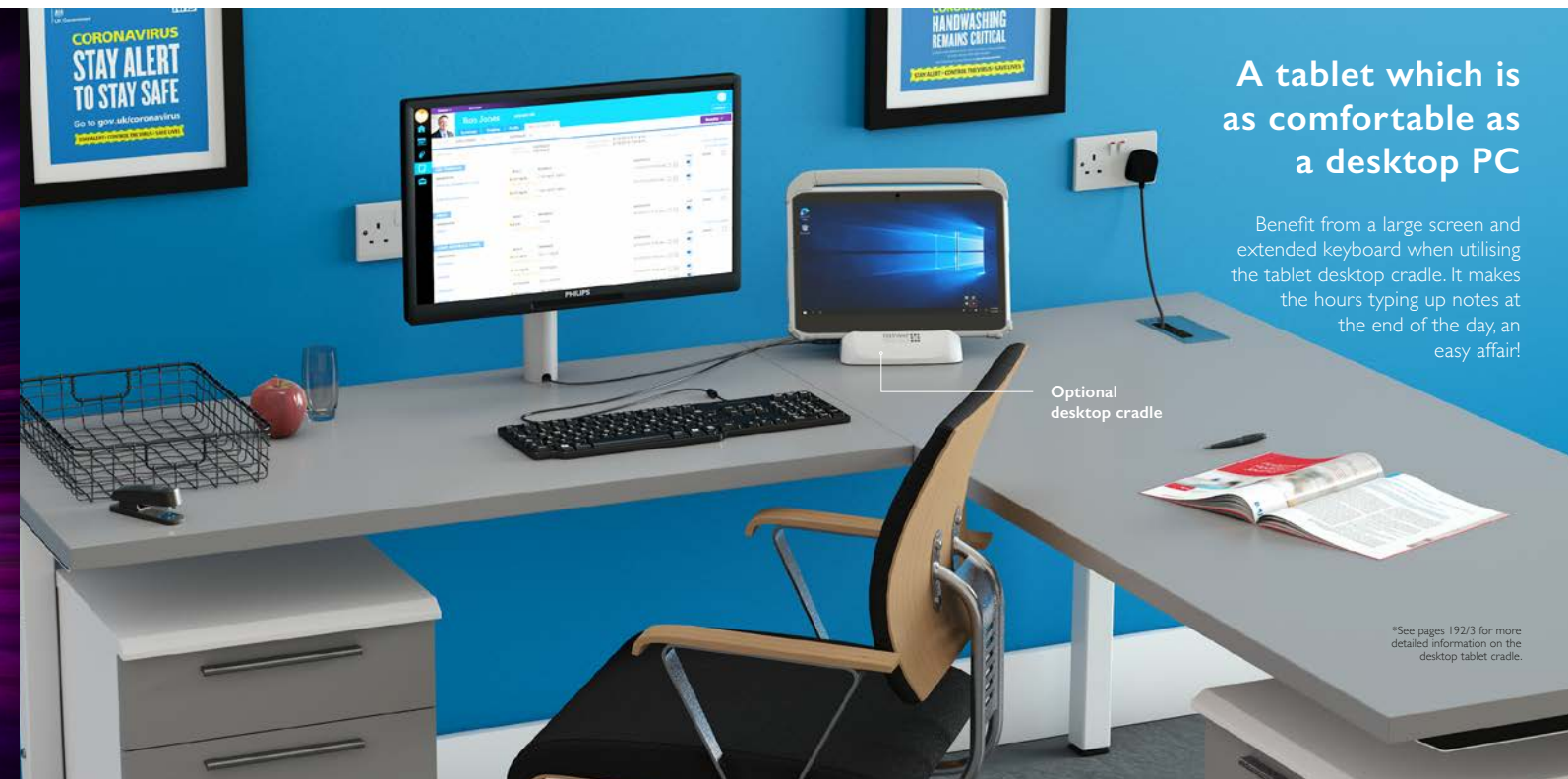
A tablet which is as comfortable as a desktop PC

Benefit from a large screen and extended keyboard when utilising the tablet desktop cradle. It makes the hours typing up notes at the end of the day, an easy affair!

Optional desktop cradle

EASY SCANNING

Barcode scanning direct from the tablet!

With the in-built 2D barcode scanner*, the workflow is streamlined by not needing a separate scanner peripheral.

Less cabling and equipment.
More speed and efficiency.

*Scanner must be specified at time of ordering the tablet.

Login as quick as paying for your morning coffee.

It's just a simple tap*

Clinicians simply tap their card or badge to the RFID reader and instantly gain access to the systems they need. The temptation for staff to have to write down sensitive passwords in order to remember them, is therefore removed by default.

imprivata® Certified reader ✔
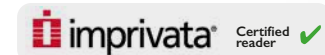
*RFID card reader must be specified at time of ordering the tablet.

Choose your performance spec based around the powerful 11th generation Intel® i5 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech Rugged 2-in-1 Tablet PC is loaded with Windows® 10 IoT Enterprise edition.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 24 months to 3 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

13in

MT300-13T with Intel® i5 Core™ CPU

13.3in Medical Grade Tablet Computer with capacitive touch LCD, Intel® 11th Gen i5 Core™ processor, medical grade AC/DC adapter.

Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT300-13T-313T-5X-**495**	Win 10 IoT Enterprise	256GB	8GB	12 months	36 months
MT300-13T-313T-5X-**595**	Win 10 IoT Enterprise	256GB	16GB	12 months	36 months
MT300-13T-313T-5X-**5A5**	Win 10 IoT Enterprise	512GB	16GB	12 months	36 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 24 month extension on top of the standard 12 months offered, to provide 36 months from date of first purchase.

Choose your performance spec based around the powerful 11th generation Intel® i7 Core™ central processing unit.

Delivered ready to switch on, each Freeway Med-Tech Rugged 2-in-1 Tablet PC is loaded with Windows® 10 IoT Enterprise edition.

A standard warranty of 12 months from date of purchase covers any faulty components or workmanship with the option to extend this by an extra 24 months to 3 years in total from date of purchase.

⚠ **Please quote the correct part number opposite when ordering as all units are custom built.**

13in

MT300-13T with Intel® i7 Core™ CPU

13.3in Medical Grade Tablet Computer with capacitive touch LCD, Intel® 11th Gen i7 Core™ processor, medical grade AC/DC adapter.
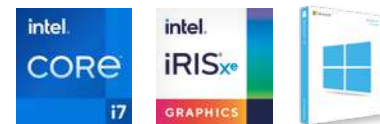
Part Number	Operating System	Storage	RAM	Standard Warranty	Extended Warranty*
MT300-13T-313T-7X-**495**	Win 10 IoT Enterprise	256GB	8GB	12 months	36 months
MT300-13T-313T-7X-**595**	Win 10 IoT Enterprise	256GB	16GB	12 months	36 months
MT300-13T-313T-7X-**5A5**	Win 10 IoT Enterprise	512GB	16GB	12 months	36 months

*Extended Warranty available as a cost option, please enquire for prices at time of order. Extended Warranty must be ordered at time of purchase. Extended Warranty is a 24 month extension on top of the standard 12 months offered, to provide 36 months from date of first purchase.

ACCESSORIES

BATTERIES / CHARGER
KEYBOARDS / MOUSE / TABLET CRADLE

FREEWAY
Med-Tech

PRODUCT CODE
MT202 Lithium-ion Rechargeable Battery Pack

The Freeway Med-Tech MT202 Lithium-ion battery packs are for use in our Medical Grade Monitors and AIOs and offer a voltage and capacity spec of DC10.9V 7800mAh - 85Wh. Hot-swappable and featuring internal discharge circuit protection. Charge status LEDs show 4 different stages of the power cycle to aid better charging habits. Charging is supported in-monitor, or externally in our 6-bay charger. Full charge time is approx. 4.25hrs in-monitor.

DIMENSIONS
Height = **148.4mm**   Width = **88.8mm**   Depth = **19.4mm**

PRODUCT ELEVATIONS

Front   Side

KEY FEATURES

- Hot-swappable
- 4 clear charge status LEDs
- High capacity 7800mAh per pack
- Auto short circuit protection
- Quality Samsung cells used
- Cloth tab for easy removal from monitor/AIO

TECHNICAL SPECIFICATIONS

Item	General Parameter	Remark
Description	Freeway Med-Tech Li-ion rechargeable battery MT202 DC10.9V 7800mAh - 85Wh	3S3P Assembly
Cell Model	Samsung SDI 18650	
Typical Capacity	7800mAh	
Typical Voltage	10.8V	
End of Charge Voltage	12.6V	
Charge Current	0.2C	
Charging time	4.25 hours in monitor from 10% - 90%	Faster off-cart charging available using our external charger
End discharge Voltage	8.4V	
Max continuous charge	3.9A	
Maximum continuous Discharging Current	10A	
Over-discharge Voltage Protection cell	2.8V	
Over-Current Discharge Protection	13-16A	
Short circuit protection	With protection	
Dimension	148.4x88.8x19.4mm	
Weight	435g	
Operating Temperature Range	Charge 0~45C, Discharge 20~60C	

SAMSUNG

High quality components
Samsung SDI 18650 cells are used within our battery packs.

On-battery status LEDs
Clear at-a-glance visual of battery health via four LEDs.

4 LEDs / 75-100% charged
3 LEDs / 50-75% charged
2 LEDs / 25-50% charged
1 LEDs / 0-25% charged

RELATED ACCESSORIES *(available separately)*

MT202
6-gang
battery
charger

RELATED PRODUCTS

MT500-24T/22T   MT700-24T

MT202 Batteries shown in a powered monitor MT700-24T (uses up to 3 packs).

NHS
NHS Supply Chain

*Battery packs are purchased separately.

RELATED PRODUCTS *(available separately)*

MT202

MT500-24T/22T

MT700-24T

MT202 ACC-001-596 6-Bay Smart Charger

The MT202 6-Bay Smart Charger Kit charges the hot-swappable MT202 batteries for the MT700-24T, and MT500-24T series Medical Monitors / AIOs. The Kit includes one battery cradle, an AC-DC adapter, and a power cord.
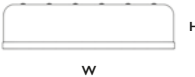
The battery cradle features a DC-input jack, six battery slots, and six LEDs for power and charging indicators. Connect the AC-DC adapter cable to the DC-input jack and then insert the battery packs in the correct directon into each slot for charging.

After inserting the battery pack in the slot, the charging LED lights up (orange) if the battery pack is being recharged. When charging is complete or if the battery pack is already fully charged, the LED will show solid blue.

DIMENSIONS
Height = **81.6mm**   Width = **321mm**   Depth = **157.6mm**

PRODUCT ELEVATIONS

Front   Side

W   D

FREEWAY
Med-Tech

TECHNICAL SPECIFICATIONS

I/O Ports	
DC-in	1
Charging Slot	6
Mechanical and Environmental	
AC/DC Adaptors	Input: 100 – 240V AC; Output: 19V DC, 10.52A
Dimensions (H x W x D)	81.6 x 321 x 157.6 mm
Weight	1.3kg
Regulatory	FCC Class B, CE, C-Tick, RoHS compliant
Temperature	Operation: 0°C – 40°C; Storage: -20°C – 60°C
Humidity	0% – 90% non-condensing

*Specifications subject to change without notice.

PRECAUTIONS

1. Always exercise care when operating and handling.
2. Do not disassemble any portion of the charger and adapter as this will void any product warranty.
3. Do not use any power adapter other than the one provided with the device or acquired from the manufacturer or its partners.
4. In the unlikely event that abnormal noise, strange odour, or smoke is present, immediately disconnect all power sources. Please report the problem to your device provider immediately.

Individual charging
status LEDs

Charging status LEDs
Clear at-a-glance visual of charging status via individual LEDs.

Blue - fully charged battery
Orange - charging battery

INCLUDED IN THE KIT

AC-DC
power adaptor
with power cord

NHS
NHS Supply Chain

PRODUCT CODE

MT101-W-UK Waterproof IP68 backlit keyboard featuring a Cleaning Lock Key

The MT101 Keyboard can be fully submersed in water, making it fantastic for clinical environments and very easy to clean for high traffic clinical use. It's fully tested to IP68 to withstand frequent disinfection and offers Freeway Med-Tech's highest infection control compliance for a keyboard. It offers ergonomic typing, with raised keys for touch type feed back and has an adjustable blue back light which make it great for use at night. It also has the ability to lock the keys for quick cleaning. Another stand out feature is its silent keys - useful for typing in areas that are noise sensitive such as at a patient's bedside.

DIMENSIONS
Height = **10mm**   Width = **380mm**   Depth = **130mm**

PRODUCT ELEVATIONS

Front   Side

H

W   D

KEY FEATURES

- IP68 – designed for complete immersion in water.
- Cleaning Lock Key - pressing this key for 5 seconds activates cleaning mode that locks all keys. Press again for 5 seconds and the lock is released.
- Rubberised coating for a tactile, quiet typing surface.
- Designed to withstand water, alcohol and disinfectants.
- Adjustable backlit keys - great in dark environments or at night (can be switched on or off).
- Sold at cost price - offers the highest levels of infection prevention across a hospital, at the lowest cost!

RELATED PRODUCTS *(available separately)*

MT105

MT102

MT103

TECHNICAL SPECIFICATIONS

Feature	General comment
Connection	Wired
Interface	USB
Dimensions	10x380x130mm (HxWxD)
Weight	720g
Cable Length	180cm
Number of keys	110
Platform	Windows, Mac and Linux
Protection rating	IP68 (fully tested to resist dust and dirt and can fully submersed in water to a depth of 1.5m for 30mins)
Lockable	Yes (5-second press to lock/unlock)
Compliant standards	CE / FCC / RoHS / IP68
Backlight	Yes - blue colour, adjustable brightness, on/off
Warranty	36 months
Operating temperature	-30°C ~ +70°C

*Specifications subject to change without notice.

Cleaning Lock Key
Holding this key in for 5 seconds disables all key inputs until it is pressed again. Great for cleaning whilst the keyboard is still plugged in!

Backlit keys on/off
Toggle the keyboard back-light with a simple key switch. The rubber encasing ensures the unit stays waterproof regardless of the keys' up/down state.

IMAGE FAR LEFT
Spillages
Accidental spillages can easily be rinsed off with clean water. Even whilst the keyboard is plugged-in!

IP68

Fully waterproof
Not just water resistant or splash proof, this keyboard can withstand being fully immersed in water! This makes cleaning the surface extremely easy and thorough.

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

Backlit keys for nightwork
All keys and status icons are backlit with an adjustable blue light that can be switched on/off as required. It makes working in reduced lighting much easier and more error-free.

Soft silicone encased keys
Our beautifully tactile soft silicone coating not only ensures zero liquid enters the electronics inside, but it also extremely quiet and comfortable to type on.

NHS
NHS Supply Chain

RELATED PRODUCTS *(available separately)*

MT105

MT101

MT103

PRODUCT CODE
MT102-W-UK Compact Washable keyboard featuring a Cleaning Lock Key

The MT102 Washable Silicone Keyboard is designed for use in medical environments and can be fully submersed in water. As it is not fully sealed, its use is not just for clinical areas but where higher volumes of typing need to be combined with the convenience of washing the keyboard under water or cleaning with Alco wipes. It's fully tested to IP68 to withstand frequent disinfection and offers the ability to wash frequently. It also has the ability to lock the keys for quick cleaning.

DIMENSIONS
Height = **28mm**   Width = **346mm**   Depth = **116mm**

PRODUCT ELEVATIONS

Front   Side

KEY FEATURES

- Cleaning Lock Key - pressing this key for 5 seconds activates cleaning mode that locks all keys. Press again for 5 seconds and the lock is released.
- IP68 – designed for complete immersion in water.
- Plug and Play via USB
- Pop-up legs to form a 6° angle
- Antimicrobial coating helps prevent bacteria build-up

FREEWAY
Med-Tech

TECHNICAL SPECIFICATIONS

Feature	General comment
Connection	Wired
Interface	USB
Dimensions	28x346x116mm (HxWxD)
Weight	560g
Cable Length	150cm
Number of keys	90
Platform	Windows, Mac and Linux
Protection rating	IP68
Lockable	Yes (5-second press to lock/unlock)
Compliant standards	FCC / CE / RoHS / IP68 / Antibacterial
Backlight	No
Warranty	12 months
Operating temperature	-10°C ~ +55°C

*Specifications subject to change without notice.

Cleaning Lock Key
Holding this key in for 5 seconds disables all key inputs until it is pressed again. Great for cleaning whilst the keyboard is still plugged in!

Spillages
Liquids can easily be rinsed off under a tap with clean water and wiped clean.

IPX7

Waterproof
Can withstand being fully immersed in water at a depth of 1m for 30 minutes!

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

NHS
NHS Supply Chain

FREEWAY
Med-Tech

PRODUCT CODE
MT103-W-UK Washable keyboard featuring a Cleaning Lock Key

The MT103 Keyboard can be fully submersed in water, as it is not fully sealed, its use is not for clinical areas but where higher volumes of typing need to be combined with the convenience of washing the keyboard under a direct water source or cleaning with Alco wipes, this MT103 is perfect. It's fully tested to IPX7 to withstand frequent disinfection and offers the ability to wash frequently. It offers ergonomic typing, with raised keys for touch type feed back. It also has the ability to lock the keys for quick cleaning.

DIMENSIONS
Height = **20mm**   Width = **450mm**   Depth = **162mm**
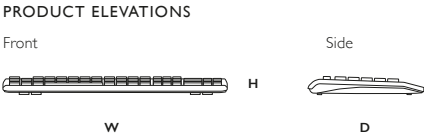
PRODUCT ELEVATIONS

Front   Side

H

W   D

KEY FEATURES

• Cleaning Lock Key - pressing this key for 5 seconds activates cleaning mode that locks all keys. Press again for 5 seconds and the lock is released.
• IPX7 – A device with a level 7 water resistance rating can survive (without any damage) immersion in water of up to 1m (approx. 3ft) for 30min. All the devices with the IPX7 rating are considered fully waterproof.

TECHNICAL SPECIFICATIONS

Feature	General comment
Connection	Wired
Interface	USB
Dimensions	20x450x162mm (HxWxD)
Weight	525g
Cable Length	180cm
Number of keys	110
Platform	Windows, Mac and Linux
Protection rating	IPX7
Lockable	Yes (5-second press to lock/unlock)
Compliant standards	CE / RoHS / IPX7
Backlight	No
Warranty	12 months
Operating temperature	-30°C ~ +70°C

*Specifications subject to change without notice.

Cleaning Lock Key
Holding this key in for 5 seconds disables all key inputs until it is pressed again. Great for cleaning whilst the keyboard is still plugged in!

Spillages
Liquids can all easily be rinsed off with clean water and wiped clean.

IPX7

Waterproof
Can withstand being fully immersed in water at a depth of 1m for 30 minutes!

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

RELATED PRODUCTS *(available separately)*

MT105

MT101

MT102

RELATED PRODUCTS *(available separately)*

MT101

MT102

MT103

MT105-W Waterproof IP68 easy-clean laser mouse

The MT105 IP68 Laser Mouse is fully waterproof and designed for clinical use as it can be cleaned easily, using popular hospital chemicals. It's sealed to the highest IP68 standards in silicone to withstand frequent disinfection and offers Freeway Med-Tech's highest infection control compliance for a mouse. We are proud of the design and is a result of hundreds of hours of testing in NHS environments, with power needs specially customised to work with our MT700 & MT500 Powered Medical displays. Ideally suited in ICU, Theatres or any area where the risk of contamination is high, and cleaning is constant, requiring a rugged medical mouse.

DIMENSIONS
Height = **42mm**   Width = **115mm**   Depth = **68mm**

PRODUCT ELEVATIONS

Front   Side
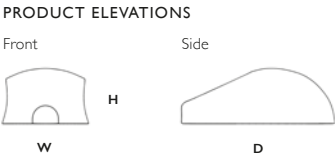
KEY FEATURES

• IP68 Rating – the mouse is completely water tight and so is protected against complete, continuous immersion in water.
• Designed to withstand water, alcohol and hospital disinfectants
• Stylish design and comfortable shape to suit left or right-handed users
• Scrolling touchpad in the middle of the mouse

TECHNICAL SPECIFICATIONS

Feature	General comment
Connection	Wired
Interface	USB, PS/2
Dimensions	42x115x68 (HxWxD)
Weight	176g
Cable Length	180cm
DPI (resolution)	1000
Tracking Method	Laser
Hand Orientation	Left or Right
Platform	Windows, Mac and Linux
Protection rating	IP68 (fully tested to resist dust and dirt and can fully submersed in water to a depth of 1.5m for 30mins)
Compliant standards	CE / FCC / RoHS / IP68
Warranty	12 months
Operating temperature	0°C ~ 55°C

*Specifications subject to change without notice.

Sealed operation
Both mouse buttons and the scroll wheel are completely sealed underneath the soft waterproof coating leaving no traps for dirt or water ingress.
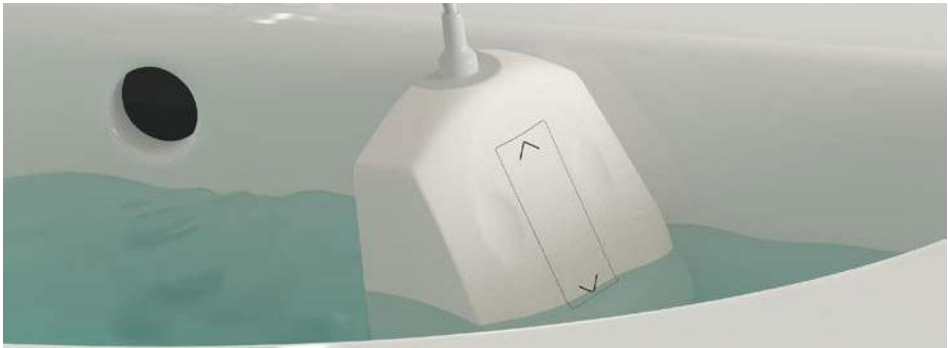
Fully submersible
Easy cleaning is achieved by wiping the surface over with alcohol wipes. But, if a deep clean is required, then the unit can be submersed in water or cleaner if necessary.

IP68

Fully waterproof
The mouse can be fully immersed in water or disinfectant to ensure thorough cleaning.

*See pages 196/7 for detailed information on cleaning chemicals and procedures.

Soft silicone encasing
Our beautifully tactile soft rubber coating not only ensures zero liquid enters the electronics inside, but it also extremely comfortable to hold and use.

NHS
NHS Supply Chain

RELATED PRODUCTS *(available separately)*

MT300-13T
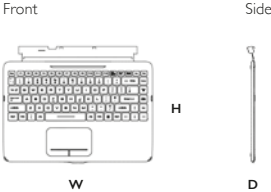
MT300 Magnetic back-lit tablet keyboard

This optional slim detachable keyboard for our powerful MT300-13T tablet, allows the user to type more freely and quickly than if using just the tablet's touch screen alone. Better still, if paired with the tablet desktop cradle and a large separate monitor, a true 'desktop' PC experience can be acheived. The keyboard's bright back-lit keys make using it in dimly-lit or late-night ward environments, a much easier task compared with a standard keyboard.

Other great features are the magnetic hinge which magically grip the tablet and helps to locate the electronic contacts ensuring an instant connection - no need for a potentially troublesome bluetooth or wireless 'pairing'. Plus, when the keyboard is in the closed position, it completely covers and protects the tablet's advanced capacitive touch screen!

DIMENSIONS
Height = **217mm**   Width = **319mm**   Depth = **9mm**

PRODUCT ELEVATIONS

Front   Side

KEY FEATURES

• Bright back-lit QWERTY keyboard
• Physical electronic (instant) connection with tablet
• Magnetic hinge grips tablet's connecting edge
• Ultra slim design

FREEWAY Med-Tech

TECHNICAL SPECIFICATIONS

I/O Ports	
Magnetic hinge connector	A physical connection for all data and power
Mechanical and Environmental	
Dimensions (H x W x D)	217 x 319 x 9 mm (exc. hinge connector)
Weight	0.6kg

*Specifications subject to change without notice.

Easily attach.
Simply move the lower edge of the tablet towards the connector and it will magnetically 'grab' the bar into position.

Magnetically secured. Physically connected.
The removable keyboard is attached to the MT300 tablet via magnets within the hinge connector, also where the electronic contacts are housed. These gold contacts make a physical connection thereby ensuring the keyboard is 'live' as soon as they touch. No need to wait for pairing and connection as on bluetooth devices. No separate battery or power source is required to use the keyboard.

Flexible.
The silicone interconnect allows the keyboard to move independently of the tablet and effortlessly close.

Magically held closed.
Strategically placed powerful magnetics hold the keyboard against the tablet when not in use.

A screen protector too.
When closed, by default the keyboard offers complete protection for the tablet's screen!

NHS
NHS Supply Chain

MT-ACC-00872HMDA Tablet desktop cradle

Quickly convert the MT300-13T tablet PC into a desktop PC with this optional desktop cradle. An aesthetically designed outer casing effortlessly holds our tablet and keeps it sturdy and secured. The tablet is always charging whilst in the cradle and with it's expansive I/O, connectivity to screens, keyboards, printers and many other peripherals is never a problem. A high grip and weighted underside keep the cradle from being accidentally moved or knocked over. Extra USB ports on both sides of the cradle make plugging-in the odd storage device or phone charger a swift experience without the need to see behind the unit.

DIMENSIONS
Height = **50mm**   Width = **182mm**   Depth = **150mm**

PRODUCT ELEVATIONS

Front
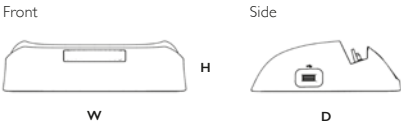
Side

KEY FEATURES

• Great connectivity including accessible side USB ports
• RJ45 Ethernet socket allows reliable high speed network access when tablet docked
• Tablet is always charging whilst docked
• Weighted high-grip safety base

RELATED PRODUCTS *(available separately)*

MT300-13T

TABLET-TO-DESKTOP SETUP

FREEWAY
Med-Tech

TECHNICAL SPECIFICATIONS

I/O Ports	
USB	x4 USB 2.0 (2 on rear panel, 2 on sides)
HDMI	x1 (on rear panel)
Ethernet (RJ45)	x1 10/100/1000 Gigabit port (on rear panel)
DC-in	x1
Mechanical and Environmental	
Dimensions (H x W x D)	50 x 182 x 150mm
Weight	682g

*Specifications subject to change without notice.

Accessible USB
Both sides of the desktop cradle feature USB ports for peripherals that maybe aren't always plugged in.

Secure weighted base
There's no accidentally knocking the cradle over or off a desk with it's high-grip weighted underside.

Ample connectivity options*
With a plentiful supply of ports on both the rear and sides of the cradle, getting connected with peripherals and devices is never a problem.

*See table opposite

Comprehensive I/O
The cradle features plenty of ports on both the rear and sides of the unit.

Note the power supply unit does not come with the cradle as standard. The tablet's PSU can be used or another one can be purchased separately.

THE FREEWAY EASY ROLL-OUT

From pallet to switching on, in under 5 minutes.

We pride ourselves in this unique delivery service, where an iWOW® can be unboxed and commissioned in less time than it takes to make a cup of tea!

Our iWOW®'s come pre-built, pre-cabled and with all IT accessories pre-installed where applicable. There's no need for the hospital's in-house IT or engineers to setup any equipment before installing their software and licenses.

Furthermore, we use around 75% less packaging than other manufacturers and take all of what is used, away with us upon completion of the 'easy roll-out'.

Protected ✔
All iWOWs are delivered by our own transport and decanted by our own staff. This ensures a seamless process between our factory and the customer which leads to less damage and/or delays.

Pre-built ✔
iWOWs arrive fully built and with only minor elements of protective packaging in place for transit.

Pre-cabled ✔
All necessary cabling is installed at the factory leaving no room for error on-site.

It may seem like a trivial element, but anecdotally, this really does save time and costly errors compared with it being done on-site when often being rushed.

IT Pre-installed ✔
All accessory equipment can be pre-installed ready to go ensuring commissioning the iWOW® is a very quick process.

Less packaging ✔
More recycling ✔
We strive to be greener and forward-thinking regards our packaging, which is why we use much less than other manufacturers with similar products. We also take away and re-use, where possible, the protective transit packaging.
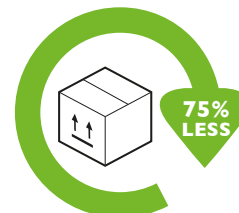
Dedicated transport ✔
The customer can always be safe in the knowledge that their new equipment will arrived undamaged.

PRODUCT CLEANING AND USE OF INDUSTRY CHEMICALS

How often can I clean my iWOW®?

You can clean your medical grade cart and Monitor as often as required. All health care institutions will have a recommended minimum frequency for routine cleaning of various items within their facility. This may be weekly, daily or after each use depending on the risk involved. Please refer to the table opposite for all safe-use chemicals.

Cleaning the Freeway Med-Tech Medical Grade Monitors and AIO PCs for better infection control

Step 1. Freeway Med-Tech recommend the use of healthcare disposable alcohol based anti-bacterial wipes only on the electrical equipment (approx. 70% alcohol) – such as commonly used Clinell Green Wipes.

Step 2. It is recommended wiping from the front of the screen first in a top to bottom motion and then finish across the bottom (the front panel is IP65 Rated). This methodology is designed to minimises the amount of streaking on the screen and reduce excess moisture collecting on the lower front screen bezel, reducing the risk of moisture entering via the lower I/O, remembering to clean the lower OSD keys in the lower right hand corner. After the front Screen has been cleaned, dispose of this wipe.

Step 3. With a fresh Wipe, clean the rear of the AIO PC (the rear panel is IPX2 rated). To clean the screen of AIO PC for general house keeping - use either a microfibre cloth with an alcohol based cleaning spray (approx. 70% alcohol) or disposable alcohol based cloth.

All monitor/AIO front panels are IP65 Rated

Suitable Cleaning Chemicals

Given the vast range of cleaning products on the market, it is not possible to list all acceptable brands. We can however, confirm that our products are compatible with cleaning products containing the following chemicals or are from popular cleaning brands. Should you require confirmation of suitable products that are not listed, please contact us with the relevant product data sheet and we will confirm suitability with our in-house specialist.

Cleaner	Brand
Viraguard®	Veridien
Sani-Cloth® HB	PDI
Sani-Cloth® PLUS	PDI
Super Sani-Cloth®	PDI
CaviWipes™	Metrex
Super HDQ®L 10	Spartan
Cloro-Wipe Towelette	Surgipath
Healthcare Hydrogen Peroxide Wipes	Clorox Healthcare®
Virex®	Johnson
70% Isopropyl Alcohol	Multiple suppliers
Alcohol Prep Pads	PDI, others

Suitable generic chemicals:

- Alcohol (Ethyl or Isopropyl) Solutions*
- Alcohol Wipes (Ethyl or Isopropyl)*
- Hydrogen Peroxide Solutions*

Cleaning procedure for nylon modified polyester coated surfaces:

- Painted surfaces should be cleaned using a soft damp non abrasive cloth and polished dry
- Continual exposure to wet conditions is likely to result in rusting/or the paint lifting. **ALWAYS DRY THE SURFACE AFTER CLEANING**
- Continual use of cleaning products may result in a dulling of the surface.
- DO NOT use solvents, bleach, abrasives, synthetic detergents, wax polishes or aerosol sprays unless otherwise listed in the above list.

⚠ *Solutions must ALWAYS be diluted in accordance the with manufacturer's instructions for use on medical products/furniture.
*The application of the cleaning solution MUST be in accordance the with manufacturer's instructions for use on medical products/furniture.

FREEWAY
Med-Tech

ⓘWOW®

INTELLIGENT WORKSTATION ON WHEELS

PRODUCT RANGE & ACCESSORIES

EDITION 3.0

Freeway Med-Tech
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Colthrop Lane, Thatcham,
Berkshire, RG19 4NB.

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REDUCING OUR FOOTPRINT • REDUCING OUR FOOTPRINT •

Catalogue produced on carbon-offset paper. Printed using a renewable energy source.

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